

# HIV Surveillance Report

Supplemental Report

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## Diagnosed HIV Infection among Adults and Adolescents in Metropolitan Statistical Areas— United States and Puerto Rico, 2010

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Data are presented for diagnoses of HIV infection reported to CDC through June 30, 2011. All data are provisional.

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# Commentary

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To best direct resources toward communities with the greatest need, health planners often establish priorities by comparing the magnitude and effect of HIV disease amongst geographic areas. CDC has previously reported on higher rates of HIV diagnoses among adults and adolescents (aged 13 years and older) in larger metropolitan areas as compared to smaller metropolitan areas or nonmetropolitan areas.

This surveillance supplemental report complements the 2010 *HIV Surveillance Report* by presenting data on diagnoses of HIV infection during 2010 and persons living with a diagnosis of HIV infection at year-end 2009 (HIV prevalence) for adults and adolescents (aged 13 years and older) residing in metropolitan statistical areas (MSAs; population of 500,000 or more) in the United States and Puerto Rico. Consistent with CDC's approach of High-Impact HIV Prevention, HIV programs may use this information to target populations and areas at greatest need for HIV prevention and treatment services.

This report presents the unadjusted number, estimated (adjusted) number, and estimated (adjusted) rate (cases diagnosed per 100,000 persons) of diagnoses of HIV infection during 2010 and of persons living with a diagnosis of HIV infection as of December 31, 2009 (HIV prevalence) for adults and adolescents aged 13 years and older residing in MSAs in the United States and Puerto Rico. Most areas have conducted confidential named-based surveillance on diagnoses of HIV infection for a sufficient period of time to allow CDC to adjust for reporting delays (i.e., since at least January 2007). For MSAs or MSA with part of the MSA within the 5 areas that have not met this criterion (Hawaii, Maryland, Massachusetts, Vermont, and District of Columbia), estimated numbers or rates are not presented in this report (see Technical Notes). Since data are not presented for all MSAs, ranks are not assigned.

## REPORT FORMAT

Data in this report are presented by MSA of residence at diagnosis for persons diagnosed with HIV infection during 2010 and for persons living with a diagnosis of HIV infection at year-end 2009 (HIV prevalence). Data tables are organized as follows:

1. Diagnosed HIV Infection among Adults and Adolescents, by MSA (Table 1a) and Sex (Tables 1b/c)
2. Diagnosed HIV Infection among Adults and Adolescents, by MSA, Sex, and Age Group (Tables 2a–3b)
3. Diagnosed HIV Infection among Adults and Adolescents, by MSA, Sex, and Race/Ethnicity (Tables 4a–5b)
4. Diagnosed HIV Infection among Adults and Adolescents, by MSA, Sex, and Transmission Category (Tables 6a–7b)
5. Diagnosed HIV Infection among Adults and Adolescents, by MSA, Race/Ethnicity, and Transmission Category (Tables 8a–9c)
6. Deaths of Adults and Adolescents with a Diagnosis of HIV Infection, by MSA and Sex (Table 10)

Data were adjusted to account for delays in reporting of diagnoses of HIV infection and deaths of persons diagnosed with HIV infection but not for incomplete reporting. The multiple imputation procedure was used to assign transmission categories to adults and adolescents with HIV infection that were reported without an identified risk factor (Tables 6a–9c). For more information on this procedure, refer to the Technical Notes.

Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, are considered unreliable and should be interpreted with caution (see Technical Notes). At the end of each table, rows are included to present summary data for all MSAs, smaller metropolitan areas (population 50,000–499,999), and nonmetropolitan areas (population less than 50,000).

Readers are encouraged to read all titles and footnotes carefully to ensure a complete understanding of the data presented in each table.

## HIGHLIGHTS OF ANALYSES

All rates are per 100,000 population and refer to adults and adolescents aged 13 years and older, unless otherwise specified. HIV diagnosis rates are based on the estimated (adjusted) number of diagnoses of HIV

infection during 2010. HIV prevalence rates are based on the estimated (adjusted) number of persons living with a diagnosis of HIV infection as of December 31, 2009. With the exception of data on diagnoses or prevalence of HIV infection among American Indians/Alaska Natives and Native Hawaiians/other Pacific Islanders, only stable estimates are discussed in the highlights. Data are summarized but not tabulated for these 2 groups due to small numbers (American Indians/Alaska Natives) or small population denominators (i.e., less than 100; Native Hawaiians/other Pacific Islanders).

### **Diagnosed HIV Infection among Adults and Adolescents in MSAs, Smaller Metropolitan Areas, and Nonmetropolitan Areas**

- For adults and adolescents residing in MSAs in the United States and Puerto Rico, the HIV diagnosis (24.5) and prevalence (411.5) rates are approximately 2 times the diagnosis and prevalence rates of those residing in smaller metropolitan areas (12.4 and 178.2, respectively), and approximately 3 times the diagnosis and prevalence rates of those residing in nonmetropolitan areas (8.1 and 126.8, respectively) (Table 1a).

### **Diagnosed HIV Infection among Adults and Adolescents by MSA and Sex**

- Among adults and adolescents, the HIV diagnosis rate (59.2) and the HIV prevalence rate (1,020.6) was highest in Miami, FL. Also, among adult and adolescent males, the HIV diagnosis rate (93.1) and the HIV prevalence rate (1,463.3) was highest in Miami, FL. Among adult and adolescent females, the HIV diagnosis rate (35.0) was highest in Baton Rouge, LA and the HIV prevalence rate was highest in Miami, FL (606.3) (Tables 1a/b/c).

### **Diagnosed HIV Infection among Adults and Adolescents by MSA, Sex, and Age**

- Among males aged 13–24 years, the HIV diagnosis rate (101.8) was highest in Columbia, SC, and the HIV prevalence rate (1,007.6) was highest in Jackson, MS. Among males aged 25–34 years, the HIV diagnosis rate (124.4) was highest in Baton Rouge, LA, and the HIV prevalence rate (2,652.9) was highest in Miami, FL. Among all other age groups for males (i.e., 35–44 years, 45–54 years, and 55 years and older), the HIV diag-

nosis rates (136.0, 126.6, and 36.0, respectively) and HIV prevalence rates (3,146.7, 1,462.3, and 326.0, respectively) were highest in Miami, FL (Tables 2a/b).

- Among females aged 13–24, 25–34, 35–44, and 45–54 years, HIV diagnosis rates (34.4, 60.2, 58.3, and 38.1, respectively) were highest in Baton Rouge, LA. Among females 55 years and older, the HIV diagnosis rate (12.8) was highest in Durham-Chapel Hill, NC. Among females aged 13–24 years, the HIV prevalence rate (726.7) was highest in New Orleans-Metairie-Kenner, LA. Among all other age groups for females (i.e., 25–34 years, 35–44 years, 45–54 years, and 55 years and older), the HIV prevalence rates (1,293.8, 1,104.7, 529.8, and 106.2, respectively) were highest in Miami, FL (Tables 3a/b).

### **Diagnosed HIV Infection among Adults and Adolescents by MSA, Sex, and Race/Ethnicity**

- Among American Indian/Alaska Native males, the only stable estimated HIV diagnosis rate (i.e., rate based on 12 or more diagnoses of HIV infection) (64.1) was in Phoenix, AZ; the HIV prevalence rate (1,482.4) was highest in San Francisco. Among American Indian/Alaska Native females, all HIV diagnosis rates were unstable (i.e., based on less than 12 diagnoses of HIV infection); the HIV prevalence rate (505.5) was highest in Minneapolis-St. Paul-Bloomington, MN-WI (Tables 4a–5b).
- Among Asian males, the HIV diagnosis rate (38.1) was highest in Las Vegas-Paradise, NV; the HIV prevalence rate (241.0) was highest in San Francisco, CA. Among Asian females, the only stable HIV diagnosis rate (i.e., rate based on 12 or more diagnoses of HIV infection) (2.0) was in New York, NY-NJ-PA; the HIV prevalence rate (43.4) was highest in Portland-Vancouver-Beaverton, OR-WA (Tables 4a–5b).
- Among black/African American males, the HIV diagnosis rate (212.9) and the HIV prevalence rate (3,272.3) were highest in Miami, FL. Among black/African American females, the HIV diagnosis rate (122.4) was highest in Cape Coral-Fort Myers, FL, and the HIV prevalence rate (2,384.4) was highest in Miami, FL. (Tables 4a–5b).
- Among Hispanic/Latino males, the HIV diagnosis rate (89.0) was highest in New York, NY-NJ-

PA, and the HIV prevalence rate (2,072.9) was highest in Albany-Schenectady-Troy, NY. Among Hispanic/Latino females, the HIV diagnosis rate (39.3) was highest in Hartford-West Hartford-East Hartford, CT, and the HIV prevalence rate (1,356.9) was highest in Rochester, NY (Tables 4a–5b).

- Among Native Hawaiian/other Pacific Islander males, there were less than 5 diagnoses of HIV infection per MSA in Chattanooga, TN-GA, Chicago, IL-IN-WI, Fresno, CA, Las Vegas-Paradise, NV, New Haven-Milford, CT, New York, NY-NJ-PA, Philadelphia, PA-NJ-DE-MD, Phoenix-Mesa-Scottsdale, AZ, Portland-Vancouver-Beaverton, OR-WA, Raleigh-Cary, NC, San Diego-Carlsbad-San Marcos, CA, San Jose-Sunnyvale-Santa Clara, CA, Seattle, WA, and Washington, DC, between 5 and 10 diagnoses of HIV infection per MSA in Honolulu, HI, Los Angeles, CA, and San Francisco, CA, and no diagnoses in the remaining MSAs. The HIV prevalence rate (1,745.7) was highest among Native Hawaiian/other Pacific Islander males in Chicago, IL-IN-WI. Among Native Hawaiian/other Pacific Islander females, there were less than 5 diagnoses of HIV infection per MSA in Atlanta-Sandy Springs, GA, Lakeland, FL, and San Francisco, CA and no diagnoses of HIV infection in the remaining MSAs. There were no stable HIV prevalence rates (i.e., rates based on 12 or more diagnoses of HIV infection).
- Among white males, the HIV diagnosis rate was highest in Miami, FL (58.9) and the HIV prevalence rate was highest in San Francisco, CA (1,438.0). Among white females, the HIV diagnosis rate was highest in Houston-Baytown-Sugar Land, TX (5.4), and the HIV prevalence rate was highest in Miami, FL (139.7) (Tables 4a–5b).

### **Diagnosed HIV Infection among Adults and Adolescents by MSA, Sex, and Transmission Category**

- Among males, the estimated numbers of HIV diagnoses for all transmission categories were highest in New York, NY-NJ-PA, including males diagnosed with HIV infection attributed to male-to-male sexual contact (3,347), injection drug use (546), male-to-male sexual contact and injection drug use (125),

and heterosexual contact (590). Also, the estimated numbers of males living with a diagnosis of HIV infection attributed to male-to-male sexual contact (53,364), injection drug use (24,138), male-to-male sexual contact and injection drug use (4,923), and heterosexual contact (11,443) were highest in New York, NY-NJ-PA. The same applied to females—the estimated numbers of HIV diagnoses and the estimated HIV prevalence for all transmission categories among females, including injection drug use (266 and 15,035, respectively) and heterosexual contact (1,262 and 28,152, respectively) were highest in New York, NY-NJ-PA (Tables 6a–7b).

### **Diagnosed HIV Infection among Adults and Adolescents by MSA, Race/Ethnicity, and Transmission Category**

- Among black/African American adults and adolescents, the estimated numbers of HIV diagnoses and persons living with a diagnosis of HIV infection attributed to male-to-male sexual contact (1,231 and 16,890, respectively), injection drug use (451 and 20,305, respectively), male-to-male sexual contact and injection drug use (47 and 1,999, respectively), and heterosexual contact (1,163 and 23,671, respectively) were highest in New York, NY-NJ-PA (Tables 8a, 9a).
- Among Hispanic/Latino adults and adolescents, the estimated numbers of diagnoses of HIV infection attributed to injection drug use (250), male-to-male sexual contact and injection drug use (41), and heterosexual contact (507), and the estimated numbers of persons living with a diagnosis of HIV infection attributed to male-to-male sexual contact (15,492), injection drug use (13,570), male-to-male sexual contact and injection drug use (1,694), and heterosexual contact (11,354) were highest in New York, NY-NJ-PA. The estimated number of Hispanic/Latino adults and adolescents diagnosed with HIV infection attributed to male-to-male sexual contact (1,139) was highest in Los Angeles, CA (Tables 8b, 9b).
- Among white adults and adolescents, the estimated numbers of diagnoses of HIV infection attributed to male-to-male sexual contact (884), injection drug use (90), and heterosexual contact (131), and the estimated numbers of persons living with a diagnosis of HIV infection attributed to

male-to-male sexual contact (18,698), injection drug use (4,420), and heterosexual contact (3,335) were highest in New York, NY-NJ-PA. For HIV infection attributed to male-to-male sexual contact and injection drug use, the estimated number among white adults and adolescents (65) and the estimated number of white adults and adolescents living with a diagnosis of HIV infection (1,684) were highest in San Francisco, CA (Tables 8c, 9c).

### **Deaths of Adults and Adolescents with a Diagnosis of HIV Infection, by MSA and Sex**

- The estimated death rate in 2009 for persons diagnosed with HIV infection was highest in Jacksonville, FL for males (6.9) and in Miami, FL for females (3.1) (Table 10).

### **SUGGESTED READINGS**

CDC. AIDS cases, by geographic area of residence and metropolitan statistical area of residence, 2004. *HIV/AIDS Surveillance Supplemental Report* 2006;12(No. 2). [http://www.cdc.gov/hiv/surveillance/resources/reports/2006supp\\_vol12no2/](http://www.cdc.gov/hiv/surveillance/resources/reports/2006supp_vol12no2/). Accessed November 27, 2012.

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Office of Management and Budget. Update of statistical area definitions and guidance on their uses. OMB Bulletin 10-02. <http://www.whitehouse.gov/sites/default/files/omb/assets/bulletins/b10-02.pdf>. Accessed November 27, 2012.

# Technical Notes

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## SURVEILLANCE OF HIV INFECTION

This report includes data reported to CDC through June 30, 2011, from 52 areas (50 states, the District of Columbia, and Puerto Rico) that had laws or regulations requiring confidential name-based HIV infection reporting for adults and adolescents with a confirmed diagnosis of HIV infection (including stage 3 [AIDS]) as of December 31, 2010. HIV surveillance programs removed personal identifying information prior to submitting these reports to CDC. Although AIDS diagnoses have been reported to CDC since 1981, the implementation of HIV infection reporting has differed from state to state. All states, the District of Columbia, and 6 U.S. dependent areas had implemented such reporting by April 2008. Aside from the summary totals for smaller metropolitan (50,000–499,999 population) and nonmetropolitan areas (less than 50,000) that were provided in the final rows of each table, cases were excluded for persons who were diagnosed or living with HIV infection in MSAs with populations of less than 500,000.

### Areas with Confidential Name-based HIV Infection Reporting

As of April 2008, 57 areas (50 states, the District of Columbia, and 6 U.S. dependent areas) had implemented confidential name-based HIV infection reporting. Unadjusted numbers for 103 MSAs and 28 divisions located within any of these areas were included in the tabulations. Also, data from smaller metropolitan and nonmetropolitan areas within any of the 57 areas were included in the summary totals for metropolitan and nonmetropolitan areas.

### Areas with Mature HIV Infection Reporting Systems

An area's confidential name-based HIV infection reporting is considered mature after 4 years—long enough for the calculation of reporting-delay estimates and the determination of reliable trends [1]. The data used to estimate diagnoses of HIV infection during 2010 (Tables 1a–1c, 2a, 3a, 4a, 5a, 6a, 7a, 8a–8c), the number of persons living with a diagnosis of HIV infection as of December 31, 2009 (Tables 1a–1c, 2b, 3b, 4b, 5b, 6b, 7b, 9a–9c), and death rates of persons

with a diagnosis of HIV infection (Table 10) were from 96 MSAs and 22 divisions within the United States and Puerto Rico that have had laws or regulations requiring confidential name-based HIV infection reporting since at least January 2007 and have been reporting these data to CDC since at least June 2007. The MSAs and divisions were located in 40 states (Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Utah, Virginia, Washington, Wisconsin) and 1 U.S. dependent area (Puerto Rico). Alaska, Montana, North Dakota, South Dakota, West Virginia, and Wyoming do not have MSAs within their borders. Data from MSAs, smaller metropolitan areas, and nonmetropolitan areas located in the 5 areas without mature HIV infection reporting systems (District of Columbia, Hawaii, Maryland, Massachusetts, and Vermont) were excluded from the adjusted data (i.e., estimated numbers and rates).

## TABULATION AND PRESENTATION OF DATA

This report presents data for adults and adolescents aged 13 years or older diagnosed with HIV infection during 2010 or living with a diagnosis of HIV infection as of December 31, 2009 (HIV prevalence). Tables include the total number, estimated (adjusted) number, and estimated (adjusted) rate (cases per 100,000 population) of diagnoses of HIV infection in 2010, and the total number, estimated (adjusted) number, and estimated (adjusted) rate of HIV prevalence at year-end 2009 by MSA of residence at diagnosis. Additional totals are provided to represent the total number of diagnoses for persons residing in MSAs (populations of 500,000 or more), in metropolitan areas with populations of 50,000–499,999 or more, and in nonmetropolitan areas (populations of less than 50,000), including diagnoses of HIV infection among persons with an unknown county of residence. As the estimated data cannot be presented for all MSAs (see

Areas with Mature HIV Infection Reporting Systems), ranks are excluded from this report.

Due to concerns regarding small cell sizes and confidentiality of the data, a suppression rule was applied for numerators less than 5 in tables displaying data on race/ethnicity and transmission category (Tables 8a–9c). Also, in accordance with the *Data Re-Release Agreement for HIV Surveillance and Surveillance-Related Data* (issued October 24, 2011) [2], a suppression rule was applied for population denominators less than 100. This pertained to Native Hawaiians/other Pacific Islanders, who had female populations of less than 100 in 21 MSAs and male populations of less than 100 in 22 MSAs. Also, data for American Indians/Alaska Natives and Asians were excluded from tabulations by MSA, race/ethnicity, and transmission category (Tables 8a–9c), as nearly all of the case counts for American Indians/Alaska Natives and Asians in these tables were less than 12 and thus were associated with unstable estimated numbers and rates [2]. Additionally, we excluded data for San Juan-Caguas-Guaynabo, PR from tables displaying diagnoses of HIV infection by age group (2a, 3a) and for all tables displaying race/ethnicity (Tables 4a–5b, 8a–9c). The 2009 post-censal estimates do not include population estimates for Puerto Rico by sex, age, or race/ethnicity, thereby preventing assessment of the suppression rule for these population denominators. However, when reported numbers were at least 100, both reported and estimated numbers were displayed for San Juan-Caguas-Guaynabo, PR.

Since population estimates are not available by transmission category, we used the most similar population to approximate the true population denominator for tables that present the estimated number of persons diagnosed with or living with a diagnosis of HIV infection by transmission category (Tables 6a–9c). For example, the population estimate for male adults and adolescents who resided in a given MSA was used as a proxy for the population of adult and adolescent men who have sex with men residing in the MSA.

The data in this report are provisional. Data are presented by MSA and are organized as follows:

- **Overall and by sex:** Tables 1a–1c present unadjusted and statistically adjusted (estimated) numbers and rates (based on estimated numbers) for persons diagnosed with HIV infection in 2010 and for persons living with a diagnosis of HIV infection

at year-end 2009, overall (Table 1a) and by sex (Tables 1b/c).

- **By age group and sex:** Tables 2a–3b present unadjusted and statistically adjusted (estimated) numbers and rates (based on estimated numbers) for persons diagnosed with HIV infection in 2010 and for persons living with a diagnosis of HIV infection at year-end 2009 by age group (Tables 2a/b) and by sex and age group (Tables 3a/b).
- **By race/ethnicity and sex:** Tables 4a–5b present unadjusted and statistically adjusted (estimated) numbers and rates (based on estimated numbers) for persons diagnosed with HIV infection in 2010 and for persons living with a diagnosis of HIV infection at year-end 2009 by race/ethnicity (Tables 4a/b) and by sex and race/ethnicity (Tables 5a/b).
- **By race/ethnicity and transmission category:** Tables 6a–7b present unadjusted and statistically adjusted (estimated) numbers for persons diagnosed with HIV infection in 2010 and for persons living with a diagnosis of HIV infection at year-end 2009 by transmission category (Tables 6a/b), by sex and transmission category (Tables 7a/b), and by race/ethnicity and transmission category (Tables 8a–9c).
- **Deaths, by sex:** Table 10 presents unadjusted and statistically adjusted (estimated) numbers and rates (based on estimated numbers) for deaths (by December 31, 2009) of persons diagnosed with HIV infection, by sex.

## Diagnoses of HIV Infection

Data in this report were compiled from diagnoses of HIV infection that were reported by the United States and Puerto Rico to CDC through June 30, 2011. All jurisdictions report diagnoses of HIV infection to the CDC based on the guidelines for HIV case surveillance and use the 2008 surveillance case definition for HIV infection [3]. Data on diagnoses of HIV infection should be interpreted with caution. HIV surveillance data may not be representative of all persons infected with HIV because not all infected persons have been tested. In addition, many states offer anonymous HIV testing; the results of anonymous tests are not reported to the confidential name-based HIV infection reporting systems of state and local health departments. Therefore, reports of confidential test results

may not represent all persons who tested positive for HIV infection.

### **Persons Living with a Diagnosis of HIV Infection (HIV Prevalence)**

Prevalence of HIV infection was based on the number of persons living with a diagnosis of HIV infection, regardless of the stage of infection, as of December 31, 2009.

### **Deaths**

Death data include all deaths reported to the CDC's national HIV surveillance system among persons with a diagnosis of HIV infection, regardless of the cause of death. Data are reported for deaths that occurred by December 31, 2009, thereby allowing at least 18 months for deaths to be reported to the CDC (Table 10).

### **Population of Area of Residence**

In the *Federal Register* for December 27, 2000, the Office of Management and Budget (OMB) published revised standards for defining MSAs in federal statistical activities [4]. These standards provide the basis for determining the population of area of residence. The adoption of the revised standards was effective as of December 27, 2000. On December 1, 2009, the OMB announced the latest revisions to MSA definitions based on the Census 2000 data [5]. The OMB defines populations of area of residence as areas with populations of 500,000 or more (MSAs), areas with populations of 50,000–499,999, or areas with populations of less than 50,000 (nonmetropolitan areas). The Boston-Cambridge-Quincy MA-NH MSA includes one division with a population less than 500,000. Therefore, data presented for divisions in this MSA do not sum to the MSA total.

### **Age**

The data presented in this report are for persons aged 13 years and older and are grouped into the following categories: 13–24 years, 25–34 years, 35–44 years, 45–54 years, and 55 years and older. Data presented for diagnoses of HIV infection in 2010 are based on the person's age at the time of diagnosis. Data for persons living with a diagnosis of HIV infection at year-end 2009 are based on the person's age as of December 31, 2009.

### **Race and Ethnicity**

The data presented in this report were collected using the OMB's revised standards for ethnic and racial data, which calls for splitting Asian/Pacific Islander into 2 categories (Asian and Native Hawaiian/other Pacific Islander) and collecting 2 categories of ethnicity (Hispanic or Latino and not Hispanic or Latino) [6]. The Asian category includes cases in Asians/Pacific Islanders that were diagnosed before the implementation of the new ethnic/racial categories in 2003 plus a small proportion of cases in Asians and Native Hawaiians/other Pacific Islanders that were diagnosed after 2003 according to the old racial category (Asian/Pacific Islander).

Ethnicity data were also collected in accordance with the revised OMB standards [6]. Hispanics and Latinos can be of any race (Tables 4a–5b, 8c, 9c).

Tables displaying results for Native Hawaiians/other Pacific Islanders were excluded from this report due to concerns regarding the confidentiality of the data. Also, data for American Indians/Alaska Natives and Asians were excluded from tabulations by MSA, race/ethnicity, and transmission category (see Tabulation and Presentation of Data).

### **Transmission Categories**

Transmission category is the term used to summarize a person's possible HIV risk factors; the summary classification results from selecting, from the presumed hierarchical order of probability, the one risk factor most likely to have been responsible for transmission. For surveillance purposes, a diagnosis of HIV infection is counted only once in the hierarchy of transmission categories. Persons with more than one reported risk factor for HIV infection are classified in the transmission category listed first in the hierarchy. The exception is the category for male-to-male sexual contact and injection drug use; this group makes up a separate transmission category.

Persons whose transmission category is classified as male-to-male sexual contact include men who ever had sexual contact with other men (i.e., homosexual contact) and men who ever had sexual contact with both men and women (i.e., bisexual contact). Persons whose transmission category is classified as heterosexual contact are persons who ever had specific heterosexual contact with a person known to have, or to be at high risk for, HIV infection (e.g., an injection drug user).

Cases in persons with no reported risk factor for HIV infection listed in the hierarchy of transmission categories are classified as “no risk factor reported or identified.” No identified risk factor includes persons whose HIV risk factor information is missing because they died, declined to be interviewed, or were lost to follow-up; and persons who were interviewed or for whom other follow-up information was available but for whom no risk factor was identified.

Because a substantial proportion of persons with diagnosed HIV infection are reported to CDC without an identified risk factor, multiple imputation is used to assign a transmission category [7]. Multiple imputation is a statistical approach in which each missing transmission category is replaced with a set of plausible values that represent the uncertainty about the true, but missing, value [8]. The plausible values are analyzed by using standard procedures, and the results from these analyses are then combined to produce the final results. In the tables displaying transmission categories (Tables 6a–9c), multiple imputation was used.

## ESTIMATION METHODS

Diagnoses of HIV infection in 2010 and prevalence of HIV infection at year-end 2009 were estimated by adjusting data for delays in the reporting of cases and deaths [9]. Estimated numbers and rates were not adjusted for incomplete reporting. Estimated numbers were rounded to zero decimal places and estimated rates to one decimal place.

### Reporting Delays

Reporting delays (time between HIV diagnosis or death and the reporting of diagnosis or death to CDC) may differ among demographic and geographic categories; some reporting delays have been as long as several years. The statistical adjustment of the data on diagnoses, prevalence, and deaths is based on estimates of reporting-delay distributions, which are calculated by using a modified semiparametric life-table statistical procedure. This procedure takes into account differences in reporting delays due to sex, race/ethnicity, and transmission categories; reporting city, state, or territory; geographic region; the size of the MSA; and the type of facility where the diagnosis was made or death occurred [1].

## Rates

Rates per 100,000 population were calculated for the estimated numbers of diagnoses of HIV infection in 2010, persons living with a diagnosis of HIV infection at year-end 2009, and deaths at year-end 2009 of persons diagnosed with HIV infection. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable [2].

At the time this report was developed, complete 2010 census data were not available from the U.S. Census Bureau. Therefore, the population denominators used to calculate rates for areas in the United States and Puerto Rico were based on the official post-census estimates for 2009 from the U.S. Census Bureau [10]. Each rate was calculated by dividing the estimated total number of persons living with a diagnosis of HIV infection for the calendar year by the population for that calendar year and then multiplying that number by 100,000. Rates for transmission categories are not provided because of the absence of denominator data (i.e., the denominator data used in this report come from the U.S. Census Bureau, but the U.S. Census Bureau does not collect data on transmission categories).

The denominators used for calculating age-, sex-, and race/ethnicity-specific rates were computed by applying the 2009 postcensus estimates for age, sex, and race/ethnicity for areas within the 50 states and the District of Columbia [10]. The same method was used to calculate the denominators for Puerto Rico in Table 1a. However, population estimates by sex, age, and race/ethnicity are not available for MSAs in Puerto Rico. For this reason, and because the suppression rule could not be assessed for all population denominators (see Tabulation and Presentation of Data), rates for San Juan-Caguas-Guaynabo, PR were not calculated for the remainder of the tables.

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**Table 1a. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adults and adolescents, by metropolitan statistical area of residence—United States and Puerto Rico**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate
Akron, OH	33	35	6.0	732	709	120.1
Albany–Schenectady–Troy, NY	75	99	13.6	1,970	2,057	281.3
Albuquerque, NM	70	76	10.9	1,184	1,163	165.6
Allentown–Bethlehem–Easton, PA–NJ	63	70	10.3	1,391	1,386	201.9
Atlanta–Sandy Springs–Marietta, GA	1,182	1,641	37.4	22,763	23,011	524.0
Augusta–Richmond County, GA–SC	89	128	29.1	1,959	1,965	446.0
Austin–Round Rock, TX	239	262	19.0	4,193	4,133	299.5
Bakersfield, CA	112	138	22.0	1,623	1,607	256.6
Baltimore–Towson, MD	818	—	—	18,027	—	—
Baton Rouge, LA	312	337	52.1	3,904	3,730	577.8
Birmingham–Hoover, AL	217	238	25.5	3,334	3,288	352.2
Boise City–Nampa, ID	25	27	5.6	399	399	82.5
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	431	—	—	10,448	—	—
Boston Division	224	—	—	6,226	—	—
Cambridge Division	123	—	—	2,704	—	—
Peabody Division	62	—	—	1,243	—	—
Bradenton–Sarasota–Venice, FL	85	92	15.5	1,596	1,567	262.3
Bridgeport–Stamford–Norwalk, CT	107	142	19.2	2,708	2,748	370.1
Buffalo–Niagara Falls, NY	127	169	17.7	2,113	2,233	233.0
Cape Coral–Fort Myers, FL	89	97	19.4	1,550	1,533	307.0
Charleston–North Charleston, SC	123	134	24.6	2,009	1,966	359.8
Charlotte–Gastonia–Concord, NC–SC	408	459	32.6	5,669	5,570	396.2
Chattanooga, TN–GA	55	65	14.8	1,062	1,060	241.3
Chicago, IL–IN–WI	1,205	1,468	18.8	27,571	27,212	347.8
Chicago Division	1,088	1,330	20.3	25,771	25,441	389.1
Gary Division	56	62	10.8	1,057	1,032	179.3
Lake Division	61	76	10.7	743	738	104.1
Cincinnati–Middletown, OH–KY–IN	226	246	13.7	2,973	2,918	163.1
Cleveland–Elyria–Mentor, OH	213	230	13.1	4,299	4,181	238.8
Colorado Springs, CO	35	38	7.5	723	719	141.2
Columbia, SC	209	228	37.0	3,575	3,511	570.5
Columbus, OH	316	340	23.0	4,294	4,217	285.3
Dallas, TX	1,334	1,455	28.5	18,986	18,637	365.3
Dallas Division	1,089	1,183	34.6	15,163	14,887	435.2
Fort Worth Division	245	271	16.1	3,823	3,750	223.1
Dayton, OH	90	98	14.0	1,221	1,190	169.9
Denver–Aurora, CO	322	353	17.0	8,383	8,333	401.5
Des Moines, IA	39	43	9.3	495	493	108.0
Detroit, MI	508	544	14.9	9,034	8,774	239.7
Detroit Division	350	375	23.6	6,761	6,543	412.6
Warren Division	158	169	8.1	2,273	2,231	107.5
Durham–Chapel Hill, NC	109	119	28.6	1,840	1,810	434.2
EI Paso, TX	121	132	23.1	1,511	1,491	259.7
Fresno, CA	97	117	16.3	1,269	1,255	175.6
Grand Rapids–Wyoming, MI	39	42	6.6	810	798	125.7
Greensboro–High Point, NC	128	139	23.5	2,081	2,045	345.5
Greenville, SC	67	73	13.8	1,184	1,159	219.0
Harrisburg–Carlisle, PA	53	57	12.6	1,271	1,264	278.3
Hartford–West Hartford–East Hartford, CT	164	207	20.5	3,464	3,483	345.1

**Table 1a. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adults and adolescents, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Honolulu, HI	61	—	—	1,560	—	—
Houston–Baytown–Sugar Land, TX	1,425	1,553	33.6	20,894	20,388	440.5
Indianapolis, IN	247	270	19.1	3,956	3,875	274.3
Jackson, MS	167	184	42.1	2,978	2,919	668.0
Jacksonville, FL	355	388	35.4	5,648	5,551	507.3
Kansas City, MO–KS	223	245	14.6	4,386	4,351	257.9
Knoxville, TN	46	50	8.4	1,034	1,030	174.7
Lakeland, FL	112	122	25.3	1,630	1,604	333.3
Lancaster, PA	46	50	12.0	708	705	168.6
Las Vegas–Paradise, NV	351	387	25.3	5,501	5,435	354.9
Little Rock–North Little Rock, AR	89	98	17.5	1,653	1,611	287.1
Los Angeles, CA	2,335	3,161	30.0	45,921	45,929	436.0
Los Angeles Division	2,039	2,795	34.7	39,744	39,846	495.0
Santa Ana Division	296	366	14.7	6,177	6,083	244.9
Louisville, KY–IN	170	186	17.9	2,703	2,660	255.0
Madison, WI	36	39	8.1	593	584	121.2
McAllen–Edinburg–Pharr, TX	85	94	17.5	808	796	149.2
Memphis, TN–MS–AR	395	438	41.8	6,830	6,819	649.9
Miami, FL	2,514	2,749	59.2	48,090	47,358	1,020.6
Fort Lauderdale Division	887	973	66.1	15,648	15,439	1,048.2
Miami Division	1,294	1,412	67.9	24,912	24,525	1,178.4
West Palm Beach Division	333	364	33.5	7,530	7,395	680.8
Milwaukee–Waukesha–West Allis, WI	165	180	14.0	2,761	2,712	211.1
Minneapolis–St. Paul–Bloomington, MN–WI	307	340	12.6	5,535	5,468	203.6
Modesto, CA	17	20	5.0	497	492	121.8
Nashville–Davidson–Murfreesboro, TN	298	327	25.2	4,675	4,649	358.0
New Haven–Milford, CT	104	136	19.1	3,141	3,187	447.0
New Orleans–Metairie–Kenner, LA	404	437	44.3	7,538	7,285	738.9
New York, NY–NJ–PA	4,669	6,140	38.6	135,657	137,580	865.6
Edison Division	180	300	15.5	4,675	4,745	244.2
Nassau Division	256	344	14.3	5,529	5,826	242.1
New York–White Plains–Wayne Division	3,721	4,645	47.4	111,886	113,277	1,157.1
Newark Division	512	851	48.5	13,567	13,731	782.1
Ogden–Clearfield, UT	12	13	3.1	244	243	59.1
Oklahoma City, OK	143	157	15.7	2,257	2,195	219.5
Omaha–Council Bluffs, NE–IA	81	90	13.1	1,140	1,133	165.2
Orlando, FL	622	682	39.5	9,371	9,266	537.4
Oxnard–Thousand Oaks–Ventura, CA	35	43	6.6	787	782	119.6
Palm Bay–Melbourne–Titusville, FL	75	82	17.8	1,159	1,140	246.8
Philadelphia, PA–NJ–DE–MD	1,192	—	—	25,511	—	—
Camden Division	122	204	19.5	2,856	2,906	277.7
Philadelphia Division	961	1,054	31.5	20,250	19,994	597.0
Wilmington Division	109	—	—	2,405	—	—
Phoenix–Mesa–Scottsdale, AZ	453	489	14.0	8,834	8,768	252.0
Pittsburgh, PA	153	166	8.2	2,759	2,730	134.8
Portland–South Portland, ME	30	36	8.1	561	575	130.1
Portland–Vancouver–Beaverton, OR–WA	198	218	11.8	4,088	4,063	219.2
Poughkeepsie–Newburgh–Middletown, NY	70	94	16.7	2,156	2,243	400.6
Providence–New Bedford–Fall River, RI–MA	151	147	16.4	2,680	1,767	197.5

**Table 1a. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adults and adolescents, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Provo–Orem, UT	6	7	1.6	120	119	29.3
Raleigh–Cary, NC	190	206	22.8	2,964	2,936	324.8
Richmond, VA	217	260	25.3	4,039	4,066	395.0
Riverside–San Bernardino–Ontario, CA	366	447	13.6	7,453	7,286	221.8
Rochester, NY	118	156	17.8	2,890	3,029	345.4
Sacramento–Arden-Arcade–Roseville, CA	191	234	13.4	3,227	3,203	183.2
St. Louis, MO–IL	380	430	18.1	6,187	6,065	256.0
Salt Lake City, UT	57	62	7.0	1,774	1,765	200.7
San Antonio, TX	273	298	18.0	4,410	4,337	262.3
San Diego–Carlsbad–San Marcos, CA	515	630	25.1	11,053	10,879	432.9
San Francisco, CA	873	1,035	28.5	23,154	22,982	632.1
Oakland Division	328	401	19.1	6,446	6,283	299.7
San Francisco Division	545	634	41.2	16,708	16,698	1,084.8
San Jose–Sunnyvale–Santa Clara, CA	144	180	12.0	2,879	2,859	190.2
San Juan–Caguas–Guaynabo, PR	475	778	34.0	12,342	12,298	537.2
Scranton–Wilkes-Barre, PA	30	34	7.3	570	566	120.2
Seattle, WA	401	438	15.4	8,011	7,949	279.5
Seattle Division	342	374	17.1	7,086	7,034	321.3
Tacoma Division	59	64	9.7	925	915	139.7
Springfield, MA	72	—	—	1,681	—	—
Stockton, CA	87	107	20.1	1,042	1,029	193.9
Syracuse, NY	49	65	11.9	1,031	1,084	199.0
Tampa–St. Petersburg–Clearwater, FL	578	635	27.3	9,774	9,608	413.7
Toledo, OH	35	38	6.8	891	869	154.8
Tucson, AZ	96	105	12.5	1,869	1,850	218.8
Tulsa, OK	79	84	11.2	1,404	1,368	181.1
Virginia Beach–Norfolk–Newport News, VA–NC	335	400	28.9	5,924	5,955	430.6
Washington, DC–VA–MD–WV	1,715	—	—	29,170	—	—
Bethesda Division	168	—	—	3,380	—	—
Washington Division	1,547	—	—	25,790	—	—
Wichita, KS	49	55	11.1	735	727	147.5
Worcester, MA	61	—	—	1,435	—	—
Youngstown–Warren–Boardman, OH–PA	37	40	8.3	624	605	126.3
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>35,200</b>	<b>37,934</b>	<b>24.5</b>	<b>706,515</b>	<b>637,840</b>	<b>411.5</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>4,880</b>	<b>5,677</b>	<b>12.4</b>	<b>88,198</b>	<b>81,411</b>	<b>178.2</b>
<b>Nonmetropolitan areas</b>	<b>2,891</b>	<b>3,272</b>	<b>8.1</b>	<b>53,533</b>	<b>51,527</b>	<b>126.8</b>
<b>Total<sup>c</sup></b>	<b>43,378</b>	<b>47,477</b>	<b>19.7</b>	<b>857,081</b>	<b>770,777</b>	<b>319.4</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection for the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 1b. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent males, by metropolitan statistical area of residence—United States and Puerto Rico**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate
Akron, OH	25	27	9.5	590	573	202.2
Albany–Schenectady–Troy, NY	53	70	19.8	1,327	1,384	390.2
Albuquerque, NM	63	69	20.0	1,054	1,035	300.5
Allentown–Bethlehem–Easton, PA–NJ	49	54	16.3	887	883	264.9
Atlanta–Sandy Springs–Marietta, GA	948	1,321	61.4	17,796	17,999	837.3
Augusta–Richmond County, GA–SC	63	92	44.3	1,320	1,323	633.4
Austin–Round Rock, TX	203	223	31.7	3,554	3,504	497.9
Bakersfield, CA	97	119	36.6	1,465	1,452	445.7
Baltimore–Towson, MD	536	—	—	11,553	—	—
Baton Rouge, LA	206	221	70.1	2,410	2,299	730.5
Birmingham–Hoover, AL	159	174	39.1	2,443	2,408	540.7
Boise City–Nampa, ID	20	22	9.0	341	340	140.8
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	310	—	—	7,615	—	—
Boston Division	160	—	—	4,704	—	—
Cambridge Division	88	—	—	1,873	—	—
Peabody Division	43	—	—	826	—	—
Bradenton–Sarasota–Venice, FL	66	72	25.0	1,133	1,110	385.6
Bridgeport–Stamford–Norwalk, CT	67	88	24.5	1,795	1,820	505.5
Buffalo–Niagara Falls, NY	85	114	24.9	1,488	1,568	342.3
Cape Coral–Fort Myers, FL	58	63	25.7	1,019	1,008	410.0
Charleston–North Charleston, SC	95	104	39.3	1,414	1,380	522.4
Charlotte–Gastonia–Concord, NC–SC	310	351	51.5	3,968	3,903	572.7
Chattanooga, TN–GA	41	49	23.6	787	786	375.7
Chicago, IL–IN–WI	993	1,214	31.8	21,586	21,323	558.8
Chicago Division	898	1,101	34.6	20,209	19,969	626.9
Gary Division	46	51	18.6	807	789	285.5
Lake Division	49	61	17.3	570	565	159.6
Cincinnati–Middletown, OH–KY–IN	173	187	21.7	2,390	2,344	270.8
Cleveland–Elyria–Mentor, OH	176	190	22.8	3,421	3,325	399.4
Colorado Springs, CO	31	34	13.4	612	608	240.5
Columbia, SC	168	183	62.3	2,562	2,517	855.1
Columbus, OH	271	292	40.4	3,496	3,432	474.4
Dallas, TX	1,045	1,140	44.6	15,209	14,920	584.0
Dallas Division	864	940	54.7	12,309	12,077	702.5
Fort Worth Division	181	200	24.0	2,900	2,843	340.3
Dayton, OH	76	83	24.7	957	930	277.5
Denver–Aurora, CO	281	308	29.7	7,569	7,521	725.8
Des Moines, IA	32	35	15.8	407	407	183.5
Detroit, MI	402	429	24.3	6,846	6,663	376.8
Detroit Division	266	284	37.7	4,961	4,812	638.6
Warren Division	136	145	14.3	1,885	1,851	182.4
Durham–Chapel Hill, NC	77	84	41.9	1,304	1,282	643.3
El Paso, TX	110	120	44.3	1,314	1,297	477.0
Fresno, CA	83	100	27.7	1,003	992	276.1
Grand Rapids–Wyoming, MI	31	33	10.5	621	612	194.6
Greensboro–High Point, NC	96	104	36.9	1,487	1,463	517.9
Greenville, SC	54	59	22.7	888	869	336.1
Harrisburg–Carlisle, PA	42	45	20.6	942	937	425.7
Hartford–West Hartford–East Hartford, CT	124	153	31.3	2,312	2,319	475.4
Honolulu, HI	53	—	—	1,347	—	—

**Table 1b. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent males, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Houston–Baytown–Sugar Land, TX	1,067	1,166	50.5	15,368	14,986	649.2
Indianapolis, IN	199	218	31.7	3,253	3,184	463.2
Jackson, MS	124	138	66.8	2,039	1,999	970.5
Jacksonville, FL	235	257	48.7	3,622	3,555	673.1
Kansas City, MO–KS	189	209	25.4	3,706	3,672	446.9
Knoxville, TN	38	41	14.5	839	835	294.5
Lakeland, FL	79	86	36.5	1,040	1,022	432.8
Lancaster, PA	28	30	15.0	461	460	226.9
Las Vegas–Paradise, NV	295	327	42.0	4,580	4,525	582.0
Little Rock–North Little Rock, AR	77	85	31.7	1,323	1,290	479.5
Los Angeles, CA	2,095	2,835	54.5	40,555	40,576	780.0
Los Angeles Division	1,818	2,493	62.9	35,164	35,266	889.4
Santa Ana Division	277	343	27.7	5,391	5,310	429.2
Louisville, KY–IN	140	154	30.5	2,166	2,130	422.3
Madison, WI	31	34	14.2	471	464	194.3
McAllen–Edinburg–Pharr, TX	69	76	29.4	641	631	245.9
Memphis, TN–MS–AR	294	327	65.6	4,642	4,632	930.4
Miami, FL	1,908	2,089	93.1	33,315	32,824	1,463.3
Fort Lauderdale Division	690	759	106.8	10,857	10,715	1,508.7
Miami Division	997	1,088	108.2	17,803	17,540	1,743.9
West Palm Beach Division	221	242	46.0	4,655	4,569	866.8
Milwaukee–Waukesha–West Allis, WI	137	150	24.2	2,151	2,111	339.7
Minneapolis–St. Paul–Bloomington, MN–WI	247	274	20.6	4,298	4,243	319.8
Modesto, CA	16	19	9.6	397	392	197.4
Nashville–Davidson–Murfreesboro, TN	245	270	42.7	3,632	3,611	570.2
New Haven–Milford, CT	78	103	30.1	2,040	2,071	606.3
New Orleans–Metairie–Kenner, LA	301	327	69.8	5,388	5,196	1,109.0
New York, NY–NJ–PA	3,499	4,611	60.5	92,699	94,107	1,234.9
Edison Division	145	242	25.7	3,011	3,065	325.1
Nassau Division	203	274	23.4	3,703	3,909	333.7
New York–White Plains—Wayne Division	2,796	3,498	75.1	77,701	78,739	1,691.4
Newark Division	355	597	70.1	8,284	8,395	986.1
Ogden–Clearfield, UT	11	12	5.7	211	211	102.0
Oklahoma City, OK	116	128	26.2	1,896	1,840	377.4
Omaha–Council Bluffs, NE–IA	64	71	21.2	841	835	248.0
Orlando, FL	476	522	61.7	7,039	6,965	821.9
Oxnard–Thousand Oaks–Ventura, CA	29	35	10.8	665	660	202.1
Palm Bay–Melbourne–Titusville, FL	54	60	26.4	768	756	335.5
Philadelphia, PA–NJ–DE–MD	874	—	—	17,982	—	—
Camden Division	89	150	29.6	2,124	2,162	426.0
Philadelphia Division	703	773	48.6	14,279	14,102	885.6
Wilmington Division	82	—	—	1,579	—	—
Phoenix–Mesa–Scottsdale, AZ	411	444	25.3	7,691	7,632	434.4
Pittsburgh, PA	138	150	15.5	2,196	2,173	224.8
Portland–South Portland, ME	25	30	13.8	467	478	223.7
Portland–Vancouver–Beaverton, OR–WA	180	197	21.5	3,637	3,617	394.4
Poughkeepsie–Newburgh–Middletown, NY	50	67	23.8	1,624	1,687	599.8
Providence–New Bedford–Fall River, RI–MA	118	115	26.8	1,844	1,256	292.0
Provo–Orem, UT	5	6	2.8	103	102	51.1
Raleigh–Cary, NC	152	165	37.2	2,175	2,157	485.7

**Table 1b. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent males, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate
Richmond, VA	162	195	39.4	2,966	2,987	604.0
Riverside–San Bernardino–Ontario, CA	310	378	23.1	6,396	6,257	382.0
Rochester, NY	100	132	31.1	1,874	1,971	463.9
Sacramento–Arden-Arcade–Roseville, CA	165	203	23.7	2,670	2,650	309.8
St. Louis, MO–IL	296	334	29.4	5,020	4,919	433.2
Salt Lake City, UT	50	54	12.2	1,514	1,507	340.0
San Antonio, TX	233	255	31.8	3,725	3,662	456.2
San Diego–Carlsbad–San Marcos, CA	471	576	45.8	9,992	9,833	783.1
San Francisco, CA	784	928	51.6	20,827	20,696	1,149.7
Oakland Division	286	349	33.9	5,225	5,099	495.9
San Francisco Division	498	579	75.1	15,602	15,597	2,020.7
San Jose–Sunnyvale–Santa Clara, CA	123	155	20.2	2,496	2,476	323.1
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	353	581	—	8,418	8,367	—
Scranton–Wilkes-Barre, PA	23	25	11.0	414	410	181.4
Seattle, WA	346	378	26.7	7,023	6,966	491.9
Seattle Division	300	328	30.1	6,318	6,270	574.2
Tacoma Division	46	50	15.3	705	696	214.6
Springfield, MA	53	—	—	1,066	—	—
Stockton, CA	78	95	36.0	827	816	308.4
Syracuse, NY	39	52	19.6	708	747	284.6
Tampa–St. Petersburg–Clearwater, FL	446	490	43.7	7,160	7,032	627.3
Toledo, OH	27	29	10.6	633	615	228.0
Tucson, AZ	81	89	21.7	1,632	1,616	393.5
Tulsa, OK	69	74	20.1	1,195	1,163	316.3
Virginia Beach–Norfolk–Newport News, VA–NC	249	298	44.5	4,280	4,303	642.4
Washington, DC–VA–MD–WV	1,239	—	—	20,400	—	—
Bethesda Division	106	—	—	2,098	—	—
Washington Division	1,133	—	—	18,302	—	—
Wichita, KS	37	42	17.1	595	587	241.7
Worcester, MA	37	—	—	918	—	—
Youngstown–Warren–Boardman, OH–PA	33	35	15.4	464	450	196.0
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>27,670</b>	<b>30,175</b>	<b>40.4</b>	<b>531,210</b>	<b>483,712</b>	<b>648.3</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>3,709</b>	<b>4,130</b>	<b>18.9</b>	<b>65,179</b>	<b>60,164</b>	<b>275.2</b>
<b>Nonmetropolitan areas</b>	<b>2,207</b>	<b>2,497</b>	<b>12.5</b>	<b>39,423</b>	<b>37,877</b>	<b>189.2</b>
<b>Total<sup>d</sup></b>	<b>33,910</b>	<b>36,802</b>	<b>31.6</b>	<b>642,723</b>	<b>581,752</b>	<b>499.4</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection for the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan–Caguas–Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 1c. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent females, by metropolitan statistical area of residence—United States and Puerto Rico**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate
Akron, OH	8	9	2.8	142	137	44.5
Albany–Schenectady–Troy, NY	22	29	7.7	643	673	178.7
Albuquerque, NM	7	8	2.1	130	128	35.7
Allentown–Bethlehem–Easton, PA–NJ	14	16	4.5	504	503	142.4
Atlanta–Sandy Springs–Marietta, GA	234	320	14.3	4,967	5,012	223.5
Augusta–Richmond County, GA–SC	26	36	15.5	639	641	277.0
Austin–Round Rock, TX	36	39	5.7	639	629	93.0
Bakersfield, CA	15	19	6.2	158	155	51.4
Baltimore–Towson, MD	282	—	—	6,474	—	—
Baton Rouge, LA	106	116	35.0	1,494	1,431	432.6
Birmingham–Hoover, AL	58	64	13.1	891	880	180.3
Boise City–Nampa, ID	5	5	2.2	58	58	24.2
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	121	—	—	2,833	—	—
Boston Division	64	—	—	1,522	—	—
Cambridge Division	35	—	—	831	—	—
Peabody Division	19	—	—	417	—	—
Bradenton–Sarasota–Venice, FL	19	21	6.6	463	458	147.7
Bridgeport–Stamford–Norwalk, CT	40	54	14.2	913	928	242.7
Buffalo–Niagara Falls, NY	42	55	11.0	625	665	133.0
Cape Coral–Fort Myers, FL	31	34	13.3	531	525	207.1
Charleston–North Charleston, SC	28	31	10.8	595	586	207.7
Charlotte–Gastonia–Concord, NC–SC	98	108	14.9	1,701	1,667	230.2
Chattanooga, TN–GA	14	16	6.8	275	274	119.0
Chicago, IL–IN–WI	212	254	6.3	5,985	5,889	147.0
Chicago Division	190	229	6.8	5,562	5,472	163.2
Gary Division	10	11	3.6	250	244	81.3
Lake Division	12	14	4.0	173	173	48.7
Cincinnati–Middletown, OH–KY–IN	53	58	6.3	583	573	62.1
Cleveland–Elyria–Mentor, OH	37	40	4.3	878	856	93.2
Colorado Springs, CO	4	4	1.7	111	111	43.2
Columbia, SC	41	44	13.8	1,013	993	309.5
Columbus, OH	45	48	6.4	797	783	103.9
Dallas, TX	289	314	12.3	3,777	3,717	145.9
Dallas Division	225	243	14.3	2,854	2,811	165.2
Fort Worth Division	64	71	8.4	923	907	107.3
Dayton, OH	14	15	4.1	264	259	71.0
Denver–Aurora, CO	41	45	4.3	814	812	78.1
Des Moines, IA	7	8	3.2	88	86	36.7
Detroit, MI	106	115	6.1	2,188	2,111	111.5
Detroit Division	84	91	10.9	1,800	1,731	208.0
Warren Division	22	24	2.2	388	380	35.8
Durham–Chapel Hill, NC	32	36	16.4	536	528	242.8
El Paso, TX	11	12	4.0	197	194	64.1
Fresno, CA	14	17	4.8	266	263	73.9
Grand Rapids–Wyoming, MI	8	9	2.7	189	187	58.3
Greensboro–High Point, NC	32	35	11.3	594	582	188.1
Greenville, SC	13	14	5.2	296	290	107.1
Harrisburg–Carlisle, PA	11	12	5.1	329	328	139.9
Hartford–West Hartford–East Hartford, CT	40	54	10.4	1,152	1,164	223.2
Honolulu, HI	8	—	—	213	—	—

**Table 1c. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent females, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Houston–Baytown–Sugar Land, TX	358	387	16.7	5,526	5,402	232.8
Indianapolis, IN	48	52	7.2	703	691	95.3
Jackson, MS	43	46	20.1	939	921	398.4
Jacksonville, FL	120	131	23.1	2,026	1,996	352.7
Kansas City, MO–KS	34	37	4.3	680	679	78.5
Knoxville, TN	8	9	2.8	195	195	63.7
Lakeland, FL	33	36	14.6	590	582	237.5
Lancaster, PA	18	20	9.2	247	245	113.8
Las Vegas–Paradise, NV	56	61	8.0	921	910	120.7
Little Rock–North Little Rock, AR	12	13	4.4	330	321	109.9
Los Angeles, CA	240	325	6.1	5,366	5,353	100.4
Los Angeles Division	221	302	7.4	4,580	4,580	112.1
Santa Ana Division	19	23	1.8	786	773	62.0
Louisville, KY–IN	30	33	6.0	537	530	98.4
Madison, WI	5	5	2.2	122	121	49.5
McAllen–Edinburg–Pharr, TX	16	18	6.5	167	165	59.7
Memphis, TN–MS–AR	101	112	20.3	2,187	2,186	396.4
Miami, FL	606	660	27.5	14,775	14,534	606.3
Fort Lauderdale Division	197	215	28.2	4,791	4,724	619.4
Miami Division	297	324	30.1	7,109	6,984	649.4
West Palm Beach Division	112	121	21.7	2,875	2,825	505.3
Milwaukee–Waukesha–West Allis, WI	28	30	4.5	610	601	90.6
Minneapolis–St. Paul–Bloomington, MN–WI	60	66	4.9	1,237	1,226	90.1
Modesto, CA	1	1	0.6	100	100	48.7
Nashville–Davidson–Murfreesboro, TN	53	57	8.6	1,043	1,038	156.0
New Haven–Milford, CT	26	33	9.0	1,101	1,116	300.5
New Orleans–Metairie–Kenner, LA	103	110	21.3	2,150	2,088	403.7
New York, NY–NJ–PA	1,170	1,529	18.5	42,958	43,472	525.4
Edison Division	35	58	5.8	1,664	1,681	168.0
Nassau Division	53	70	5.7	1,826	1,917	155.2
New York–White Plains–Wayne Division	925	1,146	22.3	34,185	34,539	672.7
Newark Division	157	255	28.2	5,283	5,336	590.1
Ogden–Clearfield, UT	1	1	0.5	33	33	16.0
Oklahoma City, OK	27	29	5.7	361	356	69.4
Omaha–Council Bluffs, NE–IA	17	19	5.3	299	298	85.4
Orlando, FL	146	159	18.1	2,332	2,301	262.4
Oxnard–Thousand Oaks–Ventura, CA	6	8	2.3	122	121	37.1
Palm Bay–Melbourne–Titusville, FL	21	23	9.6	391	384	162.3
Philadelphia, PA–NJ–DE–MD	318	—	—	7,529	—	—
Camden Division	33	54	10.0	732	744	138.0
Philadelphia Division	258	281	16.0	5,971	5,893	335.5
Wilmington Division	27	—	—	826	—	—
Phoenix–Mesa–Scottsdale, AZ	42	45	2.6	1,143	1,136	66.0
Pittsburgh, PA	15	16	1.5	563	557	52.6
Portland–South Portland, ME	5	6	2.8	94	97	42.5
Portland–Vancouver–Beaverton, OR–WA	18	21	2.2	451	446	47.7
Poughkeepsie–Newburgh–Middletown, NY	20	27	9.6	532	556	199.5
Providence–New Bedford–Fall River, RI–MA	33	32	6.8	836	511	110.0
Provo–Orem, UT	1	1	0.5	17	17	8.3
Raleigh–Cary, NC	38	41	9.0	789	779	169.4

**Table 1c. Diagnoses of HIV infection, 2010, and persons living with a diagnosis of HIV infection, year-end 2009, adult and adolescent females, by metropolitan statistical area of residence—United States and Puerto Rico (cont)**

Area of residence	Diagnoses of HIV infection, 2010			Living with HIV infection, year-end 2009		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Richmond, VA	55	65	12.2	1,073	1,080	201.8
Riverside–San Bernardino–Ontario, CA	56	69	4.2	1,057	1,030	62.5
Rochester, NY	18	24	5.3	1,016	1,058	234.1
Sacramento–Arden-Arcade–Roseville, CA	26	32	3.5	557	553	61.9
St. Louis, MO–IL	84	96	7.8	1,167	1,146	92.8
Salt Lake City, UT	7	8	1.7	260	258	59.2
San Antonio, TX	40	43	5.1	685	675	79.3
San Diego–Carlsbad–San Marcos, CA	44	54	4.3	1,061	1,045	83.2
San Francisco, CA	89	106	5.8	2,327	2,286	124.5
Oakland Division	42	52	4.8	1,221	1,185	110.9
San Francisco Division	47	55	7.1	1,106	1,101	143.5
San Jose–Sunnyvale–Santa Clara, CA	21	26	3.5	383	383	52.0
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	122	197	—	3,924	3,930	—
Scranton–Wilkes-Barre, PA	7	9	3.8	156	156	63.7
Seattle, WA	55	60	4.2	988	983	68.8
Seattle Division	42	46	4.1	768	764	69.6
Tacoma Division	13	14	4.3	220	219	66.2
Springfield, MA	19	—	—	615	—	—
Stockton, CA	9	11	4.3	215	213	80.1
Syracuse, NY	10	13	4.7	323	338	119.5
Tampa–St. Petersburg–Clearwater, FL	132	145	12.1	2,614	2,576	214.4
Toledo, OH	8	10	3.3	258	254	87.1
Tucson, AZ	15	16	3.7	237	234	53.8
Tulsa, OK	10	11	2.8	209	205	52.9
Virginia Beach–Norfolk–Newport News, VA–NC	86	101	14.2	1,644	1,652	231.6
Washington, DC–VA–MD–WV	476	—	—	8,770	—	—
Bethesda Division	62	—	—	1,282	—	—
Washington Division	414	—	—	7,488	—	—
Wichita, KS	12	13	5.3	140	140	56.0
Worcester, MA	24	—	—	517	—	—
Youngstown–Warren–Boardman, OH–PA	4	4	1.7	160	155	62.1
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>7,530</b>	<b>7,759</b>	<b>9.9</b>	<b>175,303</b>	<b>154,126</b>	<b>197.4</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>1,171</b>	<b>1,312</b>	<b>5.8</b>	<b>23,019</b>	<b>21,247</b>	<b>93.2</b>
<b>Nonmetropolitan areas</b>	<b>684</b>	<b>775</b>	<b>3.8</b>	<b>14,110</b>	<b>13,650</b>	<b>66.7</b>
<b>Total<sup>d</sup></b>	<b>9,468</b>	<b>9,846</b>	<b>8.1</b>	<b>214,356</b>	<b>189,023</b>	<b>155.8</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection for the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan–Caguas–Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 2a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Akron, OH	4	4	7.0	7	8	18.3	2	2	4.8	8	9	15.8	4	4	5.2
Albany–Schenectady–Troy, NY	2	3	3.3	8	11	21.2	16	21	37.8	20	27	40.4	7	9	8.9
Albuquerque, NM	10	11	15.2	26	29	43.1	14	15	27.0	7	8	13.1	6	6	7.0
Allentown–Bethlehem–Easton, PA–NJ	9	10	14.8	8	9	18.7	12	13	23.0	16	18	28.5	4	4	4.4
Atlanta–Sandy Springs–Marietta, GA	228	319	70.2	288	401	97.6	206	289	66.1	168	233	59.7	58	80	17.5
Augusta–Richmond County, GA–SC	22	33	68.8	15	20	61.4	10	14	43.2	11	17	46.6	5	8	13.0
Austin–Round Rock, TX	49	54	37.1	60	66	38.0	54	61	43.9	32	35	30.5	8	9	6.5
Bakersfield, CA	13	16	18.7	26	31	46.8	26	33	57.5	24	30	57.2	8	10	14.7
Baltimore–Towson, MD	111	—	—	110	—	—	118	—	—	133	—	—	64	—	—
Baton Rouge, LA	57	61	74.2	62	67	124.4	34	36	71.4	40	43	81.3	13	14	18.6
Birmingham–Hoover, AL	39	43	49.1	48	53	65.5	38	41	54.6	17	19	23.5	17	19	15.2
Boise City–Nampa, ID	1	1	2.1	5	6	11.7	7	8	17.5	6	6	16.1	1	1	1.8
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	29	—	—	71	—	—	101	—	—	93	—	—	30	—	—
Boston Division	18	—	—	39	—	—	52	—	—	36	—	—	15	—	—
Cambridge Division	8	—	—	22	—	—	29	—	—	24	—	—	5	—	—
Peabody Division	1	—	—	6	—	—	16	—	—	14	—	—	6	—	—
Bradenton–Sarasota–Venice, FL	11	12	28.9	10	11	31.2	11	12	31.4	24	26	58.1	10	11	8.3
Bridgeport–Stamford–Norwalk, CT	13	18	23.9	14	18	35.4	16	20	31.4	13	17	23.4	11	15	15.4
Buffalo–Niagara Falls, NY	16	21	22.5	25	33	48.5	21	28	39.6	17	24	27.3	6	8	5.8
Cape Coral–Fort Myers, FL	8	9	22.6	15	16	47.2	13	14	40.1	13	14	37.3	9	10	9.8
Charleston–North Charleston, SC	29	32	53.9	32	35	67.9	18	20	46.0	12	13	29.4	4	5	6.8
Charlotte–Gastonia–Concord, NC–SC	98	110	79.7	76	85	66.1	66	79	57.6	46	50	41.8	24	26	16.7
Chattanooga, TN–GA	10	11	27.5	7	9	25.2	11	14	40.1	10	13	34.1	3	3	5.1
Chicago, IL–IN–WI	238	294	36.2	307	372	53.3	232	284	41.6	156	193	28.0	60	71	7.6
Chicago Division	213	261	38.9	280	341	56.3	210	258	45.1	142	177	31.2	53	63	8.3
Gary Division	14	17	29.1	13	14	32.9	11	12	26.7	4	4	8.5	4	4	5.3
Lake Division	11	16	18.9	14	17	34.1	11	14	21.1	10	12	17.0	3	4	4.0
Cincinnati–Middletown, OH–KY–IN	52	56	31.5	46	51	34.1	35	37	25.4	36	38	23.6	4	4	2.0
Cleveland–Elyria–Mentor, OH	51	56	33.6	49	52	43.9	37	40	29.7	32	35	21.4	7	8	3.0
Colorado Springs, CO	6	7	11.0	6	6	16.0	8	9	20.0	6	7	13.9	5	5	9.0
Columbia, SC	63	69	101.8	36	39	77.2	32	35	72.2	23	25	48.7	14	15	19.8
Columbus, OH	71	76	52.7	79	86	57.2	64	68	52.3	37	40	31.1	20	21	12.6
Dallas, TX	255	279	51.6	317	345	64.3	263	288	57.7	160	173	38.4	50	54	10.3
Dallas Division	221	242	66.8	267	289	77.9	208	227	66.0	133	144	48.2	35	38	11.1
Fort Worth Division	34	37	20.7	50	57	34.1	55	61	39.3	27	29	19.1	15	16	8.9
Dayton, OH	34	38	52.2	17	18	36.4	12	13	24.8	8	9	14.1	5	5	5.3
Denver–Aurora, CO	49	53	27.4	92	101	48.2	55	60	30.3	61	68	36.3	24	26	10.6

**Table 2a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Des Moines, IA	6	7	15.3	8	9	19.4	8	9	22.7	9	10	24.7	1	1	1.9
Detroit, MI	119	127	36.0	115	123	45.0	69	74	23.8	72	77	22.4	27	29	5.9
Detroit Division	94	100	62.2	65	69	56.5	45	48	36.9	45	48	34.2	17	18	9.1
Warren Division	25	27	14.0	50	53	35.5	24	25	14.3	27	29	14.1	10	11	3.7
Durham–Chapel Hill, NC	13	14	31.3	17	18	47.8	21	23	65.6	15	16	49.8	11	12	24.8
El Paso, TX	28	30	42.1	38	42	88.6	19	21	45.2	17	18	42.2	8	9	13.8
Fresno, CA	13	16	17.1	30	36	48.8	16	19	32.0	15	19	32.9	9	11	13.7
Grand Rapids–Wyoming, MI	7	8	11.2	8	8	14.5	5	5	10.2	6	6	11.1	5	5	6.8
Greensboro–High Point, NC	26	28	48.9	27	29	62.9	17	19	38.0	14	15	29.8	12	13	16.6
Greenville, SC	15	16	28.1	11	12	29.0	14	15	34.3	10	11	24.5	4	4	6.1
Harrisburg–Carlisle, PA	9	10	22.6	11	12	34.5	11	12	32.9	9	10	24.1	2	2	3.2
Hartford–West Hartford–East Hartford, CT	15	18	17.6	25	30	42.6	41	51	63.3	31	38	40.6	12	16	11.2
Honolulu, HI	8	—	—	17	—	—	9	—	—	11	—	—	8	—	—
Houston–Baytown–Sugar Land, TX	258	284	56.2	296	323	70.3	262	286	66.2	173	189	45.8	78	84	16.9
Indianapolis, IN	59	65	46.8	57	63	48.8	46	50	39.8	27	29	23.0	10	11	6.4
Jackson, MS	38	42	88.6	27	30	79.2	27	30	91.2	23	25	69.6	9	10	19.4
Jacksonville, FL	61	67	62.3	63	69	75.1	56	61	66.9	32	35	36.0	23	25	17.8
Kansas City, MO–KS	48	53	33.0	73	80	52.7	33	38	26.3	27	29	19.2	8	9	4.1
Knoxville, TN	5	5	8.7	7	8	18.8	14	15	32.8	5	5	10.7	7	8	8.9
Lakeland, FL	12	13	28.7	23	25	65.7	12	13	35.7	20	22	58.1	12	13	16.9
Lancaster, PA	4	4	10.1	8	9	27.9	8	9	27.9	6	7	17.8	2	2	3.5
Las Vegas–Paradise, NV	67	74	48.6	91	102	65.4	76	84	56.7	37	41	31.7	24	26	13.6
Little Rock–North Little Rock, AR	13	14	24.1	23	25	51.1	23	26	59.0	13	14	29.9	5	6	8.9
Los Angeles, CA	402	548	49.0	687	925	89.7	547	744	77.2	347	469	52.4	112	150	12.5
Los Angeles Division	347	479	55.5	588	802	100.2	482	665	90.6	301	411	61.1	100	136	15.2
Santa Ana Division	55	69	27.2	99	123	53.3	65	79	34.3	46	58	26.1	12	14	4.7
Louisville, KY–IN	37	40	41.6	30	33	36.8	36	41	47.7	25	27	28.6	12	13	9.3
Madison, WI	7	8	12.8	10	11	26.7	8	9	22.0	4	4	10.6	2	2	3.9
McAllen–Edinburg–Pharr, TX	13	14	20.3	25	28	54.2	17	19	41.5	10	11	30.8	4	4	7.8
Memphis, TN–MS–AR	82	90	81.3	90	99	113.0	54	61	69.8	45	50	56.4	23	26	21.4
Miami, FL	332	363	86.0	413	454	122.4	486	532	136.0	460	502	126.6	217	238	36.0
Fort Lauderdale Division	120	131	98.7	146	162	139.8	170	185	144.5	185	204	149.7	69	77	39.0
Miami Division	166	183	91.9	223	244	135.7	264	289	159.2	230	249	145.5	114	123	44.9
West Palm Beach Division	46	50	54.4	44	48	63.9	52	57	70.7	45	49	55.1	34	38	20.0
Milwaukee–Waukesha–West Allis, WI	44	48	37.6	29	31	28.8	28	32	30.9	26	28	24.3	10	11	6.7
Minneapolis–St. Paul–Bloomington, MN–WI	65	72	27.2	69	76	30.4	52	60	25.3	53	57	22.4	8	9	2.7
Modesto, CA	0	0	0.0	6	7	19.7	7	8	25.1	1	1	3.5	2	2	5.2

**Table 2a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Nashville—Davidson—Murfreesboro, TN	68	76	59.9	58	65	52.7	59	65	56.2	44	48	42.1	16	17	11.0
New Haven—Milford, CT	14	17	24.1	21	27	49.3	14	20	35.6	18	24	37.7	11	15	15.3
New Orleans—Metairie—Kenner, LA	77	83	88.5	87	95	115.4	61	67	91.3	56	61	69.3	20	22	16.4
New York, NY—NJ—PA	670	875	58.7	1,006	1,325	98.2	849	1,123	82.9	627	836	59.8	347	452	22.3
Edison Division	24	41	22.8	47	77	54.7	26	44	27.0	31	51	28.1	17	29	10.5
Nassau Division	35	47	19.4	42	56	36.0	52	72	36.8	50	66	27.8	24	34	9.8
New York—White Plains—Wayne Division	554	691	76.7	832	1,046	113.2	682	857	102.2	468	590	72.9	260	314	26.5
Newark Division	57	97	57.0	85	146	112.7	89	149	95.7	78	129	76.3	46	76	33.5
Ogden—Clearfield, UT	2	2	4.5	3	3	6.8	1	1	3.2	4	4	13.1	1	1	2.3
Oklahoma City, OK	30	32	29.7	34	37	39.4	22	25	32.0	24	27	33.1	6	7	5.2
Omaha—Council Bluffs, NE—IA	12	13	18.2	18	21	30.9	18	21	36.5	14	15	25.5	2	2	2.6
Orlando, FL	106	118	69.1	132	146	90.9	107	116	78.7	95	103	72.0	36	39	17.3
Oxnard—Thousand Oaks—Ventura, CA	9	11	15.0	5	6	12.0	10	12	22.3	3	4	5.9	2	2	2.7
Palm Bay—Melbourne—Titusville, FL	10	11	27.0	11	13	44.7	10	11	35.4	16	17	40.4	7	8	9.3
Philadelphia, PA—NJ—DE—MD	214	—	—	235	—	—	199	—	—	147	—	—	79	—	—
Camden Division	21	34	32.9	18	34	41.6	27	45	50.8	13	22	22.2	10	16	11.7
Philadelphia Division	174	195	58.3	194	214	80.1	159	173	66.0	113	123	41.9	63	68	15.7
Wilmington Division	19	—	—	23	—	—	13	—	—	21	—	—	6	—	—
Phoenix—Mesa—Scottsdale, AZ	71	77	21.2	137	147	40.0	106	115	35.5	63	69	24.6	34	37	8.6
Pittsburgh, PA	38	41	22.9	36	39	27.2	33	36	24.1	22	24	13.1	9	10	3.2
Portland—South Portland, ME	2	2	5.2	6	7	22.6	11	13	38.8	4	5	10.9	2	3	3.8
Portland—Vancouver—Beaverton, OR—WA	39	42	24.7	48	54	30.3	39	42	25.3	31	34	20.5	23	25	10.7
Poughkeepsie—Newburgh—Middletown, NY	9	12	17.8	11	15	39.3	12	17	34.1	12	16	27.9	6	8	11.1
Providence—New Bedford—Fall River, RI—MA	13	11	12.3	31	29	43.9	38	40	56.6	26	24	30.0	10	11	8.9
Provo—Orem, UT	2	2	2.8	2	2	6.3	0	0	0.0	1	1	4.8	0	0	0.0
Raleigh—Cary, NC	37	40	45.0	43	47	52.9	36	39	42.7	26	28	35.3	10	11	11.3
Richmond, VA	45	53	51.0	40	50	58.0	36	44	50.9	25	29	32.8	16	19	14.8
Riverside—San Bernardino—Ontario, CA	59	71	17.1	72	87	29.9	64	79	27.5	78	96	34.5	37	45	12.2
Rochester, NY	35	46	47.7	14	18	31.8	16	21	32.0	22	29	36.3	13	17	13.8
Sacramento—Arden-Arcade—Roseville, CA	43	53	28.2	40	49	33.3	40	48	33.5	27	33	21.6	15	19	8.6
St. Louis, MO—IL	100	115	49.8	79	88	46.4	55	63	34.0	43	47	21.6	19	21	6.8
Salt Lake City, UT	12	13	13.2	11	12	11.2	19	21	26.4	6	6	9.2	2	2	2.4
San Antonio, TX	67	73	39.7	79	88	59.9	42	45	32.6	30	33	24.2	15	16	8.2
San Diego—Carlsbad—San Marcos, CA	88	108	37.6	155	192	80.7	104	126	58.5	92	111	51.4	32	40	13.2
San Francisco, CA	124	147	47.2	217	258	74.9	224	265	77.4	155	184	56.1	64	76	15.9
Oakland Division	49	60	30.4	70	86	46.1	78	94	49.2	59	72	37.8	30	37	14.0
San Francisco Division	75	86	76.9	147	172	109.1	146	171	113.2	96	112	81.7	34	39	18.2

**Table 2a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
San Jose–Sunnyvale–Santa Clara, CA	13	16	10.9	40	51	33.5	34	42	27.2	23	30	21.2	13	16	9.1
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	2	2	5.0	2	2	6.9	7	8	21.3	8	9	20.8	4	4	5.9
Seattle, WA	50	54	19.9	115	125	45.6	102	110	42.4	55	61	23.3	24	27	7.8
Seattle Division	43	46	23.4	102	111	51.3	85	92	44.7	53	59	28.9	17	19	7.2
Tacoma Division	7	8	10.5	13	14	24.2	17	18	33.8	2	2	3.6	7	8	9.5
Springfield, MA	6	—	—	13	—	—	15	—	—	13	—	—	6	—	—
Stockton, CA	13	16	24.0	22	27	58.0	23	28	61.5	14	17	38.1	6	7	11.5
Syracuse, NY	10	13	22.9	8	11	27.1	8	11	26.6	10	13	26.1	3	4	5.2
Tampa–St. Petersburg–Clearwater, FL	86	96	47.3	91	99	54.6	107	119	65.4	103	113	57.6	59	64	17.6
Toledo, OH	8	8	13.9	6	6	14.8	8	9	20.4	4	4	8.8	1	1	1.4
Tucson, AZ	10	11	13.4	20	23	31.1	20	22	35.8	19	20	30.4	12	13	10.3
Tulsa, OK	14	15	19.8	21	22	33.4	17	18	30.8	11	12	18.1	6	6	6.3
Virginia Beach–Norfolk–Newport News, VA–NC	77	93	56.3	70	85	71.9	47	55	50.4	41	48	41.9	14	17	10.7
Washington, DC–VA–MD–WV	256	—	—	370	—	—	297	—	—	221	—	—	95	—	—
Bethesda Division	19	—	—	29	—	—	31	—	—	18	—	—	9	—	—
Washington Division	237	—	—	341	—	—	266	—	—	203	—	—	86	—	—
Wichita, KS	11	12	23.8	14	16	36.9	6	7	17.2	6	6	14.4	0	0	0.0
Worcester, MA	4	—	—	9	—	—	12	—	—	9	—	—	3	—	—
Youngstown–Warren–Boardman, OH–PA	7	7	16.6	4	4	14.0	5	5	15.6	15	16	37.5	2	2	2.8
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>5,990</b>	<b>6,562</b>	<b>42.3</b>	<b>7,729</b>	<b>8,494</b>	<b>62.9</b>	<b>6,586</b>	<b>7,198</b>	<b>54.8</b>	<b>5,095</b>	<b>5,478</b>	<b>41.0</b>	<b>2,270</b>	<b>2,443</b>	<b>12.8</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>915</b>	<b>1,042</b>	<b>20.5</b>	<b>964</b>	<b>1,071</b>	<b>30.6</b>	<b>810</b>	<b>897</b>	<b>26.3</b>	<b>713</b>	<b>785</b>	<b>21.1</b>	<b>307</b>	<b>336</b>	<b>5.5</b>
<b>Nonmetropolitan areas</b>	<b>477</b>	<b>539</b>	<b>12.9</b>	<b>540</b>	<b>611</b>	<b>20.8</b>	<b>524</b>	<b>594</b>	<b>19.7</b>	<b>466</b>	<b>522</b>	<b>14.8</b>	<b>200</b>	<b>231</b>	<b>3.6</b>
<b>Total<sup>d</sup></b>	<b>7,450</b>	<b>8,143</b>	<b>32.9</b>	<b>9,335</b>	<b>10,176</b>	<b>51.0</b>	<b>8,002</b>	<b>8,689</b>	<b>44.4</b>	<b>6,330</b>	<b>6,785</b>	<b>33.0</b>	<b>2,793</b>	<b>3,009</b>	<b>9.5</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 2b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Akron, OH	97	96	160.4	204	198	475.4	192	186	411.6	75	72	133.9	22	21	24.9
Albany–Schenectady–Troy, NY	156	165	206.0	468	482	969.9	472	492	872.0	196	208	315.3	35	38	36.6
Albuquerque, NM	166	164	232.0	393	387	582.9	324	320	566.3	136	132	224.5	35	31	34.2
Allentown–Bethlehem–Easton, PA–NJ	92	92	139.6	263	262	560.1	314	310	551.1	163	164	253.3	55	54	54.4
Atlanta–Sandy Springs–Marietta, GA	2,767	2,829	623.0	6,622	6,681	1,628.2	5,576	5,630	1,288.4	2,193	2,222	570.7	638	637	138.8
Augusta–Richmond County, GA–SC	211	216	444.4	423	422	1,263.5	393	394	1,231.5	206	205	555.5	87	87	149.9
Austin–Round Rock, TX	503	503	347.7	1,445	1,422	824.6	1,130	1,112	805.0	379	374	329.2	97	93	68.8
Bakersfield, CA	234	233	280.8	543	538	817.1	465	461	808.4	177	176	330.5	46	44	66.3
Baltimore–Towson, MD	1,312	—	—	3,160	—	—	4,022	—	—	2,291	—	—	768	—	—
Baton Rouge, LA	471	461	560.3	802	777	1,451.4	690	646	1,270.1	348	329	626.3	99	86	113.7
Birmingham–Hoover, AL	456	454	517.6	977	969	1,207.4	674	663	872.1	262	253	321.1	74	69	56.5
Boise City–Nampa, ID	57	57	113.9	145	145	302.5	97	97	223.9	36	35	87.1	6	6	9.8
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	617	—	—	2,751	—	—	2,842	—	—	1,297	—	—	355	—	—
Boston Division	381	—	—	1,683	—	—	1,769	—	—	697	—	—	174	—	—
Cambridge Division	151	—	—	695	—	—	688	—	—	257	—	—	82	—	—
Peabody Division	68	—	—	291	—	—	311	—	—	131	—	—	25	—	—
Bradenton–Sarasota–Venice, FL	98	96	227.9	327	323	928.3	406	399	1,049.7	207	201	443.8	95	90	70.5
Bridgeport–Stamford–Norwalk, CT	155	161	216.5	600	608	1,181.1	637	641	1,000.1	290	294	414.1	113	115	116.3
Buffalo–Niagara Falls, NY	194	211	223.5	493	512	747.7	521	546	783.0	222	237	272.3	58	62	44.6
Cape Coral–Fort Myers, FL	97	97	253.4	294	292	840.7	392	386	1,091.9	161	159	416.4	75	73	74.1
Charleston–North Charleston, SC	230	231	392.5	521	508	984.7	406	395	928.6	204	198	451.1	53	49	72.2
Charlotte–Gastonia–Concord, NC–SC	621	621	449.2	1,333	1,315	1,023.9	1,293	1,270	926.0	564	551	455.5	157	146	92.9
Chattanooga, TN–GA	139	140	347.6	275	273	801.1	227	226	659.8	109	109	291.9	37	38	59.9
Chicago, IL–IN–WI	2,896	2,906	358.1	7,305	7,247	1,038.7	7,191	7,079	1,037.5	3,190	3,119	452.6	1,004	971	103.9
Chicago Division	2,617	2,625	391.1	6,854	6,802	1,121.9	6,781	6,679	1,165.3	3,006	2,942	519.4	951	921	119.8
Gary Division	169	170	296.1	263	259	608.9	234	226	506.4	108	102	194.2	33	31	39.2
Lake Division	110	111	134.1	188	185	379.8	176	174	269.6	76	75	107.1	20	20	22.6
Cincinnati–Middletown, OH–KY–IN	416	417	234.9	912	897	597.4	742	721	488.8	250	244	149.8	70	65	28.6
Cleveland–Elyria–Mentor, OH	534	526	317.6	1,307	1,274	1,066.8	1,026	999	743.1	447	430	265.5	107	98	38.9
Colorado Springs, CO	115	116	190.1	267	265	655.0	162	160	371.9	59	59	123.8	9	9	14.6
Columbia, SC	521	520	761.5	969	953	1,870.5	700	685	1,415.8	298	289	570.7	74	71	93.2
Columbus, OH	552	547	378.0	1,271	1,250	827.5	1,182	1,165	890.7	404	388	303.6	87	81	48.2
Dallas, TX	2,013	2,010	371.3	5,703	5,604	1,044.2	5,162	5,056	1,012.6	1,841	1,786	395.8	490	464	88.2
Dallas Division	1,565	1,561	430.8	4,664	4,584	1,236.3	4,217	4,134	1,204.5	1,493	1,449	483.4	370	349	101.7
Fort Worth Division	448	449	250.8	1,039	1,020	614.8	945	922	590.6	348	338	222.7	120	115	62.9
Dayton, OH	180	178	244.3	353	345	698.3	271	263	509.5	127	121	200.4	26	23	22.5
Denver–Aurora, CO	1,123	1,120	575.3	3,398	3,383	1,615.3	2,180	2,164	1,100.1	687	679	361.9	181	176	70.9

**Table 2b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Des Moines, IA	49	49	114.6	146	145	328.4	131	130	331.4	53	54	136.0	28	28	50.5
Detroit, MI	1,270	1,264	358.4	2,296	2,245	822.8	2,120	2,058	665.6	918	873	253.2	242	223	45.5
Detroit Division	952	947	588.2	1,645	1,604	1,306.1	1,525	1,475	1,131.3	658	621	440.5	181	164	82.9
Warren Division	318	317	165.4	651	641	427.2	595	583	326.0	260	252	123.7	61	58	20.0
Durham–Chapel Hill, NC	207	207	453.0	473	467	1,216.3	379	373	1,073.0	201	196	599.1	44	39	81.2
El Paso, TX	166	166	231.5	476	472	985.1	458	452	990.4	157	153	353.2	57	54	85.0
Fresno, CA	153	153	168.4	365	361	493.3	288	283	476.7	151	150	266.2	46	44	55.9
Grand Rapids–Wyoming, MI	99	98	146.0	237	232	398.0	181	179	345.1	84	83	143.3	20	19	23.7
Greensboro–High Point, NC	277	279	481.1	520	511	1,105.1	445	439	890.9	202	196	389.1	43	38	48.7
Greenville, SC	194	190	330.1	315	310	752.6	252	247	554.5	111	110	245.6	16	12	16.7
Harrisburg–Carlisle, PA	122	122	283.0	297	297	869.0	342	339	946.7	153	151	369.5	28	27	41.1
Hartford–West Hartford–East Hartford, CT	260	266	256.0	755	750	1,064.6	810	811	1,006.3	372	379	404.7	115	114	81.8
Honolulu, HI	146	—	—	471	—	—	437	—	—	212	—	—	81	—	—
Houston–Baytown–Sugar Land, TX	2,352	2,330	461.2	5,938	5,816	1,264.5	4,769	4,640	1,074.6	1,803	1,738	422.0	506	463	92.6
Indianapolis, IN	570	561	403.8	1,298	1,275	991.0	976	955	763.3	331	320	250.8	78	73	43.5
Jackson, MS	479	476	1,007.6	757	745	1,946.4	512	502	1,504.1	232	221	617.6	59	54	105.0
Jacksonville, FL	563	559	516.0	1,144	1,130	1,232.8	1,208	1,188	1,307.8	529	511	529.6	178	168	119.3
Kansas City, MO–KS	667	668	413.2	1,586	1,572	1,039.4	1,014	1,001	699.5	348	340	223.3	91	90	42.3
Knoxville, TN	127	127	204.2	303	301	745.1	278	278	601.0	96	95	190.5	35	34	40.3
Lakeland, FL	102	102	221.9	307	303	796.8	350	343	935.3	197	193	515.8	84	81	103.9
Lancaster, PA	49	48	113.6	173	173	556.6	157	157	503.2	62	61	166.6	20	20	32.3
Las Vegas–Paradise, NV	645	647	426.5	1,785	1,769	1,129.1	1,445	1,426	967.5	541	527	406.8	164	157	81.4
Little Rock–North Little Rock, AR	250	249	429.6	497	483	999.9	393	383	858.0	142	137	294.9	41	38	52.9
Los Angeles, CA	5,462	5,519	493.6	16,272	16,304	1,580.5	12,924	12,925	1,342.0	4,648	4,626	516.9	1,249	1,202	100.6
Los Angeles Division	4,701	4,762	551.3	14,086	14,146	1,767.6	11,262	11,286	1,536.7	4,032	4,028	599.3	1,083	1,045	116.9
Santa Ana Division	761	758	297.9	2,186	2,158	933.1	1,662	1,639	716.9	616	599	268.6	166	157	52.3
Louisville, KY–IN	395	392	406.4	828	818	925.4	626	615	712.7	263	256	270.5	54	49	35.4
Madison, WI	69	69	115.6	199	197	482.9	135	134	333.7	58	55	134.7	10	9	16.3
McAllen–Edinburg–Pharr, TX	100	100	143.8	281	278	545.0	169	167	373.1	69	66	186.5	22	20	36.4
Memphis, TN–MS–AR	990	998	897.5	1,631	1,626	1,850.5	1,295	1,289	1,484.8	547	544	612.9	179	175	142.1
Miami, FL	2,732	2,725	644.9	9,922	9,831	2,652.9	12,476	12,305	3,146.7	5,913	5,804	1,462.3	2,272	2,158	326.0
Fort Lauderdale Division	820	817	616.3	3,060	3,030	2,621.9	4,249	4,197	3,276.4	2,036	2,006	1,470.2	692	665	336.5
Miami Division	1,524	1,522	765.0	5,560	5,516	3,068.3	6,573	6,485	3,567.4	2,961	2,899	1,693.3	1,185	1,119	408.2
West Palm Beach Division	388	386	423.9	1,302	1,285	1,707.8	1,654	1,624	2,000.2	916	900	1,007.4	395	375	196.9
Milwaukee–Waukesha–West Allis, WI	408	408	319.3	864	850	782.5	616	597	587.1	204	199	170.4	59	56	33.5
Minneapolis–St. Paul–Bloomington, MN–WI	715	719	271.7	1,784	1,755	704.1	1,253	1,233	523.1	418	413	161.0	128	123	38.4
Modesto, CA	55	54	111.9	155	154	425.4	114	112	338.1	51	50	146.5	22	22	47.1

**Table 2b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate									
Nashville–Davidson–Murfreesboro, TN	505	507	399.9	1,362	1,357	1,108.3	1,177	1,167	1,010.9	462	458	403.0	126	122	78.8
New Haven–Milford, CT	225	232	321.5	691	697	1,266.4	705	713	1,277.4	333	342	542.4	86	88	91.6
New Orleans–Metairie–Kenner, LA	915	904	968.7	1,960	1,902	2,318.0	1,630	1,562	2,128.5	681	643	730.3	202	186	140.9
New York, NY–NJ–PA	10,353	10,732	719.8	30,798	31,304	2,320.4	32,860	33,226	2,455.2	14,146	14,309	1,023.2	4,542	4,537	223.6
Edison Division	276	287	159.2	988	1,002	710.3	1,126	1,138	698.2	482	495	270.2	139	142	51.8
Nassau Division	362	397	165.5	1,136	1,186	767.6	1,382	1,449	742.3	623	665	279.9	200	212	61.6
New York–White Plains–Wayne Division	8,913	9,212	1,022.4	26,093	26,501	2,868.2	27,264	27,529	3,281.1	11,658	11,748	1,451.1	3,773	3,749	317.3
Newark Division	802	836	493.2	2,581	2,615	2,018.5	3,088	3,110	1,992.5	1,383	1,402	832.5	430	433	190.1
Ogden–Clearfield, UT	52	52	106.8	86	86	184.1	51	51	153.3	19	19	58.2	3	3	6.6
Oklahoma City, OK	348	342	313.3	742	723	778.5	570	553	717.6	188	177	213.7	48	44	35.4
Omaha–Council Bluffs, NE–IA	118	118	168.7	346	345	519.8	253	249	441.1	99	98	165.3	25	24	28.8
Orlando, FL	980	981	575.1	2,490	2,471	1,535.3	2,310	2,285	1,551.6	954	937	654.3	305	290	128.9
Oxnard–Thousand Oaks–Ventura, CA	67	68	93.2	239	238	455.2	250	249	448.3	68	66	107.5	41	41	47.6
Palm Bay–Melbourne–Titusville, FL	88	88	220.9	246	244	857.7	268	262	838.8	123	121	282.9	43	41	49.9
Philadelphia, PA–NJ–DE–MD	2,556	—	—	5,728	—	—	5,955	—	—	2,866	—	—	877	—	—
Camden Division	263	275	263.1	696	704	873.1	749	757	863.1	317	325	330.6	99	101	74.3
Philadelphia Division	2,094	2,099	628.8	4,531	4,492	1,684.6	4,641	4,585	1,747.6	2,300	2,252	766.6	713	673	154.6
Wilmington Division	199	—	—	501	—	—	565	—	—	249	—	—	65	—	—
Phoenix–Mesa–Scottsdale, AZ	1,128	1,129	311.0	3,129	3,111	848.4	2,399	2,378	736.7	809	794	282.9	226	220	51.8
Pittsburgh, PA	317	318	176.2	755	749	523.4	714	709	481.0	324	314	171.1	86	83	26.6
Portland–South Portland, ME	40	40	99.9	147	150	490.6	183	187	540.6	71	73	174.2	26	27	41.3
Portland–Vancouver–Beaverton, OR–WA	437	438	256.0	1,386	1,379	772.1	1,180	1,175	703.3	482	476	291.1	152	148	62.5
Poughkeepsie–Newburgh–Middletown, NY	140	148	222.0	514	528	1,428.0	605	625	1,251.8	279	296	530.0	86	90	125.4
Providence–New Bedford–Fall River, RI–MA	173	125	136.9	638	433	646.3	706	472	673.3	270	192	242.2	57	33	26.9
Provo–Orem, UT	19	19	24.6	39	39	111.3	26	26	82.0	14	14	56.7	5	5	15.3
Raleigh–Cary, NC	318	320	357.8	761	756	858.7	724	719	779.3	283	275	344.1	89	87	92.1
Richmond, VA	504	518	498.8	1,026	1,031	1,198.1	949	949	1,106.3	365	368	413.2	122	121	92.9
Riverside–San Bernardino–Ontario, CA	737	732	177.4	2,198	2,158	739.6	2,075	2,028	704.3	1,019	990	354.9	367	348	95.1
Rochester, NY	182	198	203.6	627	651	1,125.5	663	693	1,050.2	307	326	406.3	95	103	83.4
Sacramento–Arden–Arcade–Roseville, CA	319	320	169.2	929	922	622.1	929	921	641.4	376	371	244.4	117	114	51.5
St. Louis, MO–IL	967	959	415.0	1,966	1,930	1,021.2	1,412	1,379	750.0	536	519	237.8	139	131	42.0
Salt Lake City, UT	236	236	243.7	652	648	607.9	426	424	545.0	157	157	225.4	43	43	46.4
San Antonio, TX	607	607	329.1	1,454	1,432	973.1	1,120	1,099	795.5	433	420	310.4	111	104	52.6
San Diego–Carlsbad–San Marcos, CA	1,511	1,500	525.0	4,136	4,078	1,715.4	3,077	3,028	1,409.4	984	960	445.5	284	267	88.5
San Francisco, CA	1,704	1,709	550.5	7,722	7,695	2,236.9	7,706	7,661	2,242.5	2,954	2,919	892.0	741	713	149.5
Oakland Division	556	555	280.1	1,768	1,737	930.2	1,858	1,810	948.5	793	767	402.3	250	230	87.9
San Francisco Division	1,148	1,154	1,027.3	5,954	5,957	3,789.4	5,848	5,851	3,879.4	2,161	2,152	1,575.1	491	483	224.7

**Table 2b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
San Jose–Sunnyvale–Santa Clara, CA	279	280	195.8	1,017	1,011	665.3	809	802	517.4	312	308	220.9	79	76	42.7
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	1,009	1,016	—	3,128	3,104	—	2,642	2,620	—	1,154	1,149	—	485	479	—
Scranton–Wilkes-Barre, PA	47	48	109.7	115	115	355.3	148	145	404.9	82	81	196.6	22	22	29.3
Seattle, WA	880	878	323.1	2,850	2,835	1,030.0	2,313	2,294	883.5	774	759	288.2	206	199	57.5
Seattle Division	757	756	382.1	2,586	2,574	1,183.5	2,102	2,084	1,013.5	693	680	332.2	180	176	65.9
Tacoma Division	123	122	164.9	264	261	452.1	211	210	389.2	81	79	135.0	26	24	29.5
Springfield, MA	107	—	—	354	—	—	397	—	—	160	—	—	48	—	—
Stockton, CA	98	99	149.2	295	293	624.3	293	287	627.7	107	105	233.5	34	32	53.1
Syracuse, NY	109	118	202.2	235	245	629.8	239	248	618.5	95	103	206.0	30	33	43.5
Tampa–St. Petersburg–Clearwater, FL	873	871	431.2	2,332	2,301	1,274.2	2,452	2,403	1,315.5	1,145	1,118	571.8	358	339	94.2
Toledo, OH	110	108	177.8	209	202	475.1	220	215	516.5	79	75	154.0	15	14	18.5
Tucson, AZ	173	173	208.0	618	615	828.5	565	559	917.1	202	199	297.5	74	71	56.2
Tulsa, OK	195	191	252.1	505	493	736.9	338	328	551.1	123	118	181.9	34	32	32.2
Virginia Beach–Norfolk–Newport News, VA–NC	1,024	1,045	635.7	1,518	1,524	1,293.8	1,152	1,150	1,051.6	448	446	387.5	138	138	84.4
Washington, DC–VA–MD–WV	2,584	—	—	6,856	—	—	6,810	—	—	3,101	—	—	1,049	—	—
Bethesda Division	245	—	—	718	—	—	686	—	—	312	—	—	137	—	—
Washington Division	2,339	—	—	6,138	—	—	6,124	—	—	2,789	—	—	912	—	—
Wichita, KS	116	117	225.1	218	215	490.1	179	175	455.1	70	69	155.7	12	10	16.1
Worcester, MA	82	—	—	329	—	—	349	—	—	128	—	—	30	—	—
Youngstown–Warren–Boardman, OH–PA	58	58	128.3	159	156	510.9	157	152	442.8	75	73	169.3	15	12	16.2
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>69,986</b>	<b>65,428</b>	<b>421.7</b>	<b>189,104</b>	<b>173,865</b>	<b>1,286.7</b>	<b>176,228</b>	<b>159,539</b>	<b>1,214.7</b>	<b>73,363</b>	<b>65,347</b>	<b>489.6</b>	<b>22,529</b>	<b>19,532</b>	<b>102.2</b>
Metropolitan areas (population of 50,000–499,999)	9,951	9,417	185.3	23,020	21,225	606.5	20,661	19,018	558.4	8,819	8,096	217.4	2,728	2,407	39.1
Nonmetropolitan areas	5,751	5,633	134.7	13,712	13,220	448.8	12,706	12,176	402.8	5,573	5,310	150.9	1,681	1,539	24.2
<b>Total<sup>d</sup></b>	<b>86,768</b>	<b>80,478</b>	<b>324.8</b>	<b>228,414</b>	<b>208,311</b>	<b>1,043.7</b>	<b>211,724</b>	<b>190,732</b>	<b>975.0</b>	<b>88,605</b>	<b>78,753</b>	<b>382.5</b>	<b>27,212</b>	<b>23,478</b>	<b>74.3</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan–Caguas–Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 3a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate												
Akron, OH	0	0	0.0	5	5	12.7	0	0	0.0	2	2	3.8	1	1	1.1
Albany–Schenectady–Troy, NY	4	5	6.8	3	4	8.2	4	5	9.1	6	8	11.6	5	7	5.4
Albuquerque, NM	2	2	3.2	1	1	1.8	1	1	2.0	1	1	1.7	2	2	2.0
Allentown–Bethlehem–Easton, PA–NJ	3	3	5.1	1	1	2.6	3	4	6.6	7	8	12.2	0	0	0.0
Atlanta–Sandy Springs–Marietta, GA	29	41	9.6	65	89	21.8	70	95	21.5	49	68	16.8	21	28	5.0
Augusta–Richmond County, GA–SC	3	4	8.1	2	3	8.6	11	16	46.1	8	10	24.3	2	3	3.5
Austin–Round Rock, TX	4	4	3.2	6	6	4.2	10	11	8.8	12	13	11.7	4	4	2.8
Bakersfield, CA	1	1	1.8	2	2	4.3	5	7	13.6	6	7	14.2	1	1	1.9
Baltimore–Towson, MD	37	—	—	53	—	—	86	—	—	77	—	—	29	—	—
Baton Rouge, LA	26	28	34.4	28	30	60.2	28	30	58.3	18	21	38.1	6	6	7.0
Birmingham–Hoover, AL	5	5	6.3	17	19	23.5	10	11	13.9	18	20	22.9	8	9	5.6
Boise City–Nampa, ID	1	1	2.3	1	1	2.3	2	2	5.3	1	1	2.7	0	0	0.0
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	15	—	—	26	—	—	33	—	—	31	—	—	17	—	—
Boston Division	7	—	—	11	—	—	18	—	—	15	—	—	13	—	—
Cambridge Division	5	—	—	9	—	—	11	—	—	8	—	—	2	—	—
Peabody Division	3	—	—	5	—	—	4	—	—	5	—	—	2	—	—
Bradenton–Sarasota–Venice, FL	2	2	5.7	5	5	17.1	2	2	5.7	5	5	11.2	5	5	3.5
Bridgeport–Stamford–Norwalk, CT	4	5	7.9	9	13	26.7	15	20	29.7	9	12	16.1	3	4	3.2
Buffalo–Niagara Falls, NY	4	5	5.6	12	16	23.4	13	17	23.8	10	13	14.5	3	4	2.2
Cape Coral–Fort Myers, FL	6	7	18.5	5	5	17.3	8	9	25.4	10	11	27.8	2	2	1.9
Charleston–North Charleston, SC	6	7	12.5	4	4	8.1	7	8	17.1	9	10	20.5	2	2	2.6
Charlotte–Gastonia–Concord, NC–SC	14	15	11.3	21	23	17.3	29	32	22.5	18	19	15.4	16	19	9.9
Chattanooga, TN–GA	4	4	11.0	4	5	13.9	1	1	3.0	3	3	7.9	2	2	2.8
Chicago, IL–IN–WI	30	36	4.6	56	67	9.8	60	71	10.5	35	41	5.8	31	39	3.4
Chicago Division	28	34	5.2	48	58	9.8	54	64	11.3	33	39	6.7	27	35	3.6
Gary Division	0	0	0.0	3	3	7.4	3	3	6.8	2	2	3.9	2	2	2.2
Lake Division	2	2	3.2	5	6	12.2	3	4	5.7	0	0	0.0	2	2	2.4
Cincinnati–Middletown, OH–KY–IN	16	17	10.1	11	12	7.7	13	14	9.3	10	11	6.3	3	5	1.6
Cleveland–Elyria–Mentor, OH	7	7	4.6	6	6	5.2	8	9	5.9	8	9	5.0	8	9	2.7
Colorado Springs, CO	1	1	2.0	1	1	2.8	2	2	5.0	0	0	0.0	0	0	0.0
Columbia, SC	8	9	13.6	10	11	20.2	8	9	16.3	10	11	19.3	5	5	5.7
Columbus, OH	7	7	5.3	19	20	13.7	13	14	10.9	5	5	4.1	1	1	0.5
Dallas, TX	60	65	12.7	82	89	18.0	71	76	16.0	51	57	12.9	25	27	4.3
Dallas Division	49	53	15.6	66	72	21.3	56	60	18.5	37	40	13.7	17	18	4.5
Fort Worth Division	11	12	6.9	16	17	11.1	15	16	10.7	14	17	11.4	8	9	4.0
Dayton, OH	2	2	3.0	4	4	8.4	4	4	8.1	4	4	6.8	0	0	0.0
Denver–Aurora, CO	3	3	1.8	20	22	11.4	10	11	5.8	5	5	2.8	3	3	1.1

**Table 3a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate												
Des Moines, IA	1	1	2.8	3	3	7.3	1	1	2.7	2	2	5.2	0	0	0.0
Detroit, MI	17	18	5.4	31	33	12.1	32	34	10.7	18	19	5.5	8	10	1.6
Detroit Division	15	16	10.2	25	27	21.2	24	26	18.3	13	14	9.3	7	8	3.3
Warren Division	2	2	1.2	6	6	4.3	8	9	4.8	5	5	2.7	1	1	0.3
Durham–Chapel Hill, NC	5	6	13.5	8	9	22.3	5	5	15.4	7	7	20.7	7	8	12.8
El Paso, TX	0	0	0.0	5	5	10.8	0	0	0.0	4	4	8.9	2	2	2.7
Fresno, CA	2	3	3.1	4	5	7.4	5	6	11.2	2	2	4.1	1	1	1.2
Grand Rapids–Wyoming, MI	4	4	6.8	1	1	2.0	1	1	2.1	2	2	3.7	0	0	0.0
Greensboro–High Point, NC	4	4	7.6	6	6	13.5	10	11	21.4	8	9	16.4	4	4	4.4
Greenville, SC	1	1	2.0	3	3	8.1	5	6	12.5	2	2	4.7	2	2	2.5
Harrisburg–Carlisle, PA	2	2	5.2	4	4	12.8	3	3	9.2	2	2	5.3	0	0	0.0
Hartford–West Hartford–East Hartford, CT	1	2	1.5	13	18	26.1	11	15	18.0	9	13	13.2	6	7	4.3
Honolulu, HI	0	—	—	3	—	—	2	—	—	3	—	—	0	—	—
Houston–Baytown–Sugar Land, TX	49	53	11.2	117	127	29.1	99	106	25.1	73	79	19.2	20	22	3.8
Indianapolis, IN	5	5	4.1	16	18	13.7	19	21	16.4	6	6	4.9	2	2	1.0
Jackson, MS	3	3	7.0	13	14	34.2	16	17	47.0	9	10	24.3	2	2	3.3
Jacksonville, FL	23	25	23.8	36	39	41.0	31	34	36.2	21	23	22.1	9	10	5.9
Kansas City, MO–KS	3	3	2.2	11	12	7.9	7	8	5.3	10	11	6.8	3	3	1.3
Knoxville, TN	0	0	0.0	4	4	10.1	1	1	2.2	2	2	4.1	1	1	1.1
Lakeland, FL	5	5	12.6	7	8	21.1	13	14	39.3	4	4	11.6	4	4	4.6
Lancaster, PA	3	3	8.0	3	3	11.0	4	4	13.7	8	9	23.3	0	0	0.0
Las Vegas–Paradise, NV	8	9	6.1	12	13	9.2	15	16	12.1	10	11	8.7	11	12	5.6
Little Rock–North Little Rock, AR	3	3	5.7	2	2	4.3	4	4	9.2	2	2	4.3	1	1	1.2
Los Angeles, CA	24	34	3.2	62	82	8.5	56	77	8.2	69	94	10.5	29	38	2.6
Los Angeles Division	24	34	4.1	54	73	9.6	53	73	10.2	65	89	13.1	25	33	3.0
Santa Ana Division	0	0	0.0	8	10	4.5	3	4	1.6	4	5	2.2	4	5	1.4
Louisville, KY–IN	1	1	1.1	11	12	13.5	9	10	11.2	8	9	8.8	1	1	0.6
Madison, WI	0	0	0.0	2	2	5.4	0	0	0.0	3	3	7.9	0	0	0.0
McAllen–Edinburg–Pharr, TX	2	2	3.1	6	7	13.9	6	7	13.8	1	1	2.7	1	1	1.5
Memphis, TN–MS–AR	15	16	14.9	21	23	24.4	32	37	40.0	24	26	26.0	9	10	6.2
Miami, FL	91	99	24.7	144	157	44.4	151	165	41.6	134	146	35.1	86	93	11.2
Fort Lauderdale Division	29	32	25.0	51	55	47.7	53	59	43.7	41	45	31.8	23	25	10.1
Miami Division	48	52	27.5	66	73	42.8	70	76	42.1	68	74	40.4	45	48	13.8
West Palm Beach Division	14	15	17.7	27	29	42.9	28	30	36.9	25	27	29.7	18	20	8.4
Milwaukee–Waukesha–West Allis, WI	4	4	3.4	10	11	9.9	7	8	7.2	4	4	3.6	3	3	1.6
Minneapolis–St. Paul–Bloomington, MN–WI	9	10	3.7	18	19	8.0	14	16	7.0	13	14	5.6	6	7	1.8
Modesto, CA	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	2.1

**Table 3a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate												
Nashville–Davidson–Murfreesboro, TN	4	4	3.5	21	23	18.4	16	17	15.0	8	9	7.3	4	4	2.3
New Haven–Milford, CT	4	5	7.7	9	12	21.1	8	10	16.4	5	7	10.3	0	0	0.0
New Orleans–Metairie–Kenner, LA	23	25	26.3	37	40	45.8	16	17	21.2	17	18	19.2	10	11	6.6
New York, NY–NJ–PA	181	238	16.4	243	316	23.6	299	390	28.0	270	353	24.1	177	231	8.8
Edison Division	5	9	5.2	10	17	12.8	10	16	9.5	7	11	6.0	3	5	1.4
Nassau Division	14	19	8.1	17	22	15.7	11	15	7.3	6	8	3.3	5	7	1.6
New York–White Plains–Wayne Division	128	155	17.5	187	230	24.4	233	288	32.9	230	291	33.8	147	183	11.6
Newark Division	34	55	34.2	29	47	38.2	45	73	45.1	27	43	24.3	22	37	13.1
Ogden–Clearfield, UT	0	0	0.0	0	0	0.0	1	1	3.3	0	0	0.0	0	0	0.0
Oklahoma City, OK	4	4	4.1	9	10	10.6	9	10	12.7	4	4	5.0	1	1	0.7
Omaha–Council Bluffs, NE–IA	4	4	6.4	6	7	10.3	4	4	7.8	2	2	3.5	1	1	1.0
Orlando, FL	15	16	10.0	26	28	18.4	40	44	30.1	36	39	26.6	29	32	11.8
Oxnard–Thousand Oaks–Ventura, CA	0	0	0.0	1	1	2.9	2	3	4.9	0	0	0.0	3	4	3.8
Palm Bay–Melbourne–Titusville, FL	3	3	9.1	2	2	8.1	6	6	20.1	6	7	14.9	4	4	4.4
Philadelphia, PA–NJ–DE–MD	43	—	—	75	—	—	80	—	—	86	—	—	34	—	—
Camden Division	5	9	8.9	9	15	18.6	7	11	12.3	8	13	12.4	4	7	4.0
Philadelphia Division	35	38	11.5	63	68	24.9	59	64	23.2	75	83	26.4	26	28	5.0
Wilmington Division	3	—	—	3	—	—	14	—	—	3	—	—	4	—	—
Phoenix–Mesa–Scottsdale, AZ	7	8	2.3	11	12	3.7	11	12	4.0	11	12	4.2	2	2	0.4
Pittsburgh, PA	1	1	0.6	6	7	4.7	3	3	2.1	5	5	2.9	0	0	0.0
Portland–South Portland, ME	0	0	0.0	2	2	8.1	3	4	10.8	0	0	0.0	0	0	0.0
Portland–Vancouver–Beaverton, OR–WA	4	4	2.7	6	6	3.7	5	5	3.3	0	0	0.0	3	4	1.6
Poughkeepsie–Newburgh–Middletown, NY	3	4	6.6	3	4	12.0	3	4	8.4	6	8	14.9	5	7	8.0
Providence–New Bedford–Fall River, RI–MA	11	11	12.0	3	4	6.2	2	3	3.5	9	8	9.2	8	7	4.4
Provo–Orem, UT	0	0	0.0	0	0	0.0	0	0	0.0	1	1	4.6	0	0	0.0
Raleigh–Cary, NC	4	4	5.1	7	8	8.8	8	9	9.4	13	14	17.2	6	7	5.8
Richmond, VA	11	13	13.3	15	18	21.5	11	13	14.6	10	12	12.0	8	10	5.8
Riverside–San Bernardino–Ontario, CA	9	11	2.8	12	15	5.5	17	21	7.4	14	17	6.2	4	5	1.1
Rochester, NY	3	4	4.3	4	5	9.2	3	4	5.8	6	8	9.6	2	3	1.7
Sacramento–Arden–Arcade–Roseville, CA	6	7	3.9	4	5	3.4	4	5	3.4	7	8	5.3	5	6	2.4
St. Louis, MO–IL	18	20	8.9	20	25	12.7	26	29	14.8	11	12	5.3	9	11	2.7
Salt Lake City, UT	0	0	0.0	3	3	3.2	3	3	4.5	0	0	0.0	1	1	1.0
San Antonio, TX	11	12	6.8	8	9	5.8	11	12	8.4	7	8	5.3	3	3	1.3
San Diego–Carlsbad–San Marcos, CA	4	5	1.9	15	18	8.2	11	14	6.7	10	12	5.7	4	5	1.4
San Francisco, CA	3	4	1.2	25	30	9.2	31	38	11.6	19	22	6.8	11	13	2.3
Oakland Division	1	1	0.7	13	16	8.8	19	24	12.6	3	4	1.8	6	7	2.3
San Francisco Division	2	2	2.2	12	14	9.7	12	14	10.3	16	19	14.5	5	6	2.3

**Table 3a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and age, 2010—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>		Rate	Estimated <sup>a</sup>		Rate	Estimated <sup>a</sup>		Rate	Estimated <sup>a</sup>		Rate	Estimated <sup>a</sup>		Rate
	No.	No.		No.	No.		No.	No.		No.	No.		No.	No.	
San Jose–Sunnyvale–Santa Clara, CA	2	2	1.8	5	6	4.4	5	6	4.6	7	9	6.7	2	2	1.2
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	1	1	2.6	2	2	6.8	2	2	6.0	2	4	9.7	0	0	0.0
Seattle, WA	12	13	5.2	14	15	5.8	15	16	6.5	11	12	4.5	3	3	0.8
Seattle Division	10	11	5.8	9	10	4.7	12	13	6.7	9	10	4.8	2	2	0.7
Tacoma Division	2	2	3.4	5	6	9.6	3	3	6.0	2	2	3.6	1	1	1.1
Springfield, MA	5	—	—	7	—	—	3	—	—	1	—	—	3	—	—
Stockton, CA	0	0	0.0	3	4	8.4	1	1	3.3	3	4	8.5	2	2	3.4
Syracuse, NY	1	1	2.3	1	1	3.4	1	1	3.2	3	4	7.7	4	5	5.9
Tampa–St. Petersburg–Clearwater, FL	21	23	11.8	24	27	15.1	35	39	21.2	37	40	19.6	15	16	3.7
Toledo, OH	1	1	1.8	2	3	7.7	5	5	12.4	0	0	0.0	0	0	0.0
Tucson, AZ	2	2	2.7	1	1	1.4	3	3	5.3	6	6	9.0	3	3	2.1
Tulsa, OK	3	3	4.5	3	3	5.0	3	3	5.4	0	0	0.0	1	1	0.9
Virginia Beach–Norfolk–Newport News, VA–NC	21	25	16.5	17	20	16.7	22	26	23.0	17	21	16.2	9	11	5.2
Washington, DC–VA–MD–WV	59	—	—	133	—	—	118	—	—	112	—	—	54	—	—
Bethesda Division	2	—	—	21	—	—	21	—	—	11	—	—	7	—	—
Washington Division	57	—	—	112	—	—	97	—	—	101	—	—	47	—	—
Wichita, KS	1	1	2.2	4	4	10.1	2	2	5.9	3	3	7.6	2	2	2.8
Worcester, MA	2	—	—	2	—	—	9	—	—	5	—	—	6	—	—
Youngstown–Warren–Boardman, OH–PA	1	1	2.5	2	2	7.1	1	1	3.1	0	0	0.0	0	0	0.0
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>1,113</b>	<b>1,163</b>	<b>7.9</b>	<b>1,874</b>	<b>1,933</b>	<b>14.7</b>	<b>1,977</b>	<b>2,019</b>	<b>15.4</b>	<b>1,685</b>	<b>1,724</b>	<b>12.6</b>	<b>881</b>	<b>920</b>	<b>3.9</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>216</b>	<b>248</b>	<b>5.2</b>	<b>342</b>	<b>380</b>	<b>11.3</b>	<b>273</b>	<b>303</b>	<b>9.0</b>	<b>225</b>	<b>253</b>	<b>6.5</b>	<b>115</b>	<b>128</b>	<b>1.7</b>
<b>Nonmetropolitan areas</b>	<b>125</b>	<b>144</b>	<b>3.8</b>	<b>154</b>	<b>172</b>	<b>6.6</b>	<b>165</b>	<b>186</b>	<b>6.4</b>	<b>158</b>	<b>180</b>	<b>5.0</b>	<b>82</b>	<b>94</b>	<b>1.2</b>
<b>Total<sup>d</sup></b>	<b>1,465</b>	<b>1,554</b>	<b>6.6</b>	<b>2,396</b>	<b>2,486</b>	<b>13.0</b>	<b>2,434</b>	<b>2,507</b>	<b>13.0</b>	<b>2,091</b>	<b>2,157</b>	<b>10.2</b>	<b>1,082</b>	<b>1,141</b>	<b>3.0</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 3b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>			Estimated <sup>a</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Akron, OH	29	28	46.9	49	48	113.7	45	42	89.0	19	19	33.4	0	0	0.0
Albany–Schenectady–Troy, NY	125	130	166.4	242	250	521.5	170	178	307.8	84	91	132.6	22	25	20.0
Albuquerque, NM	28	28	41.9	42	41	64.2	32	32	57.5	17	17	26.7	11	11	9.6
Allentown–Bethlehem–Easton, PA–NJ	84	84	132.9	179	179	394.7	162	161	284.1	55	55	84.5	24	24	19.2
Atlanta–Sandy Springs–Marietta, GA	840	852	198.4	1,628	1,640	404.2	1,482	1,493	337.7	776	787	194.4	241	239	42.7
Augusta–Richmond County, GA–SC	96	97	219.2	192	192	530.8	191	190	529.8	104	106	255.1	56	56	76.4
Austin–Round Rock, TX	128	127	92.8	227	221	144.0	181	179	145.0	79	79	71.7	24	23	15.3
Bakersfield, CA	30	30	41.1	61	61	116.3	43	41	85.5	16	15	29.2	8	8	10.5
Baltimore–Towson, MD	841	—	—	2,124	—	—	2,188	—	—	987	—	—	334	—	—
Baton Rouge, LA	484	472	581.2	495	476	949.1	319	300	583.5	144	135	242.1	52	48	51.8
Birmingham–Hoover, AL	205	204	239.1	319	318	386.2	230	225	288.5	98	97	113.4	39	37	23.4
Boise City–Nampa, ID	13	13	28.0	22	22	47.3	18	18	45.0	4	4	10.1	1	1	1.5
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	371	—	—	1,118	—	—	855	—	—	414	—	—	157	—	—
Boston Division	193	—	—	607	—	—	453	—	—	202	—	—	67	—	—
Cambridge Division	99	—	—	339	—	—	260	—	—	94	—	—	39	—	—
Peabody Division	69	—	—	150	—	—	117	—	—	55	—	—	26	—	—
Bradenton–Sarasota–Venice, FL	81	81	208.6	151	149	474.8	144	141	373.5	68	68	141.9	19	18	11.9
Bridgeport–Stamford–Norwalk, CT	105	108	154.5	332	336	700.0	297	301	447.8	143	146	195.5	36	37	30.2
Buffalo–Niagara Falls, NY	141	149	163.4	215	227	337.3	169	181	251.3	72	77	83.9	28	31	17.6
Cape Coral–Fort Myers, FL	108	107	303.8	165	163	520.9	166	166	488.7	69	66	167.5	23	23	20.0
Charleston–North Charleston, SC	116	115	216.6	207	204	377.6	152	149	335.7	93	92	192.9	27	27	32.2
Charlotte–Gastonia–Concord, NC–SC	336	331	248.0	578	568	433.8	473	463	330.4	234	229	181.9	80	75	38.6
Chattanooga, TN–GA	71	71	179.8	95	95	272.9	64	64	179.8	34	33	82.5	11	11	13.2
Chicago, IL–IN–WI	1,086	1,082	139.1	1,996	1,968	287.1	1,788	1,752	258.3	854	836	118.0	261	251	21.7
Chicago Division	1,002	998	154.2	1,838	1,812	305.3	1,679	1,645	290.1	797	779	133.9	246	238	24.7
Gary Division	54	53	94.3	95	93	209.0	75	73	155.4	22	22	38.9	4	3	2.9
Lake Division	30	30	40.7	63	63	132.4	34	34	52.8	35	35	49.8	11	11	10.9
Cincinnati–Middletown, OH–KY–IN	123	122	71.5	225	223	146.3	135	130	86.6	79	79	46.8	21	20	7.0
Cleveland–Elyria–Mentor, OH	172	170	105.6	328	321	262.0	255	248	173.3	97	93	54.2	26	24	7.4
Colorado Springs, CO	27	27	51.9	43	43	103.9	26	26	61.6	9	9	18.0	6	6	8.2
Columbia, SC	228	224	346.3	350	344	639.1	269	264	506.8	118	115	206.0	48	46	49.0
Columbus, OH	177	176	125.8	317	313	209.3	201	198	155.5	80	76	58.9	22	20	9.8
Dallas, TX	756	750	147.2	1,376	1,360	274.9	1,036	1,019	213.5	455	443	100.0	154	146	23.4
Dallas Division	581	578	170.3	1,010	998	295.8	799	788	242.3	342	331	113.0	122	116	28.4
Fort Worth Division	175	172	101.0	366	362	230.1	237	231	152.0	113	112	74.6	32	30	14.0
Dayton, OH	57	57	80.0	108	106	207.8	64	63	117.7	29	28	43.7	6	5	4.4
Denver–Aurora, CO	140	140	76.7	356	356	180.8	215	214	115.1	70	70	37.1	33	32	11.3

**Table 3b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	Estimated <sup>a</sup>		Rate	Estimated <sup>a</sup>		Rate	Estimated <sup>a</sup>		Rate	Estimated <sup>a</sup>		Rate	Estimated <sup>a</sup>		Rate
	No.	No.		No.	No.		No.	No.		No.	No.		No.	No.	
Des Moines, IA	12	12	28.7	46	45	98.7	19	19	48.2	8	8	19.1	3	3	4.4
Detroit, MI	374	367	107.9	743	723	263.6	678	652	203.8	299	286	80.5	94	82	13.6
Detroit Division	303	296	187.1	592	575	456.7	579	555	396.6	248	237	158.0	78	67	26.0
Warren Division	71	71	39.1	151	148	99.7	99	97	53.8	51	49	23.9	16	15	4.3
Durham–Chapel Hill, NC	103	103	217.2	201	198	512.7	142	140	397.6	65	64	177.4	25	24	39.0
El Paso, TX	36	35	51.4	76	75	149.5	45	44	87.8	30	30	59.8	10	9	11.0
Fresno, CA	43	43	51.1	80	79	120.3	82	81	147.5	42	42	73.7	19	18	18.7
Grand Rapids–Wyoming, MI	63	63	100.3	63	63	112.4	45	43	84.9	13	13	21.8	5	5	5.3
Greensboro–High Point, NC	121	119	203.1	205	202	420.7	175	171	337.0	78	77	144.9	15	13	13.3
Greenville, SC	75	75	137.3	106	104	264.4	76	74	167.6	27	25	54.0	12	12	13.4
Harrisburg–Carlisle, PA	57	57	134.9	122	122	361.4	94	94	263.9	44	44	104.6	12	11	13.7
Hartford–West Hartford–East Hartford, CT	164	165	166.0	416	415	611.5	359	364	438.2	163	169	173.7	50	51	29.4
Honolulu, HI	49	—	—	72	—	—	55	—	—	26	—	—	11	—	—
Houston–Baytown–Sugar Land, TX	1,473	1,452	304.6	2,004	1,966	452.3	1,254	1,220	288.5	583	563	136.5	212	201	35.0
Indianapolis, IN	165	164	122.5	258	255	196.8	189	186	147.9	69	67	51.2	22	19	9.4
Jackson, MS	259	257	552.9	342	337	823.1	204	198	537.1	99	96	240.0	35	33	49.1
Jacksonville, FL	486	484	464.7	669	661	691.5	572	564	601.5	229	222	216.6	70	64	37.7
Kansas City, MO–KS	157	158	102.6	269	269	178.9	175	175	122.6	58	56	35.4	21	21	8.1
Knoxville, TN	42	42	70.2	67	67	159.3	59	59	124.0	22	22	41.9	5	5	4.6
Lakeland, FL	133	131	309.8	192	190	536.1	163	161	449.0	75	73	189.6	27	27	28.6
Lancaster, PA	54	53	129.2	78	78	249.9	71	71	223.9	32	31	83.5	12	12	16.3
Las Vegas–Paradise, NV	169	169	119.6	337	333	231.6	251	247	184.2	112	110	89.4	52	51	24.2
Little Rock–North Little Rock, AR	94	93	160.2	118	114	227.3	77	75	163.3	34	33	65.5	7	7	7.5
Los Angeles, CA	938	942	88.7	1,990	1,989	205.9	1,441	1,436	153.4	705	697	77.5	292	289	19.7
Los Angeles Division	811	817	99.2	1,661	1,664	221.0	1,230	1,229	171.3	620	615	90.3	258	255	23.0
Santa Ana Division	127	126	52.5	329	324	152.4	211	208	94.8	85	82	37.5	34	34	9.4
Louisville, KY–IN	119	118	127.7	194	193	217.8	137	134	153.4	70	69	70.0	17	16	9.5
Madison, WI	29	29	48.1	44	43	110.6	29	29	76.7	16	16	39.3	4	4	6.0
McAllen–Edinburg–Pharr, TX	43	43	62.3	63	63	120.3	33	33	68.8	19	18	46.6	9	9	12.5
Memphis, TN–MS–AR	624	623	569.5	736	735	791.3	492	494	528.4	245	246	247.6	90	88	56.5
Miami, FL	2,507	2,488	620.2	4,645	4,587	1,293.8	4,456	4,378	1,104.7	2,243	2,199	529.8	924	882	106.2
Fort Lauderdale Division	866	860	680.3	1,594	1,580	1,360.7	1,417	1,395	1,042.8	664	653	466.1	250	237	96.4
Miami Division	1,118	1,110	584.6	2,122	2,094	1,228.0	2,211	2,171	1,199.7	1,161	1,134	619.4	497	476	135.7
West Palm Beach Division	523	519	610.4	929	914	1,344.9	828	812	995.4	418	413	448.5	177	168	72.2
Milwaukee–Waukesha–West Allis, WI	115	114	92.2	253	249	228.6	157	154	147.3	68	67	55.7	17	17	8.1
Minneapolis–St. Paul–Bloomington, MN–WI	324	323	125.7	475	473	195.1	294	289	125.1	111	110	43.2	33	31	8.2
Modesto, CA	20	20	43.2	38	38	109.0	27	27	80.8	10	10	29.1	5	5	9.0



**Table 3b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and age, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	13–24 years			25–34 years			35–44 years			45–54 years			≥55 years		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate									
San Jose–Sunnyvale–Santa Clara, CA	58	58	43.3	142	142	105.9	103	103	75.4	55	55	42.7	25	25	12.2
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	663	667	—	1,402	1,394	—	1,100	1,100	—	542	552	—	217	218	—
Scranton–Wilkes-Barre, PA	36	36	87.8	58	58	187.9	35	35	99.2	19	19	45.1	8	8	8.4
Seattle, WA	195	195	77.4	378	378	141.8	259	255	102.3	110	109	41.7	46	46	11.5
Seattle Division	146	147	79.0	303	302	144.4	193	190	97.2	88	88	43.6	38	38	12.3
Tacoma Division	49	48	72.9	75	76	132.3	66	66	121.0	22	21	35.5	8	8	8.6
Springfield, MA	93	—	—	249	—	—	181	—	—	74	—	—	18	—	—
Stockton, CA	31	31	51.2	71	70	163.9	65	64	143.6	40	40	87.1	8	8	10.8
Syracuse, NY	57	58	99.7	121	126	319.4	96	102	242.1	39	41	79.9	10	11	12.2
Tampa–St. Petersburg–Clearwater, FL	505	500	260.4	849	839	475.6	746	733	399.6	411	405	196.6	103	99	22.3
Toledo, OH	81	79	130.4	97	97	226.0	53	52	121.0	19	18	34.8	8	8	8.4
Tucson, AZ	45	45	56.9	84	83	113.7	54	53	86.4	41	40	56.3	13	13	8.6
Tulsa, OK	55	55	75.5	89	88	137.4	47	45	76.0	16	16	22.9	2	1	0.5
Virginia Beach–Norfolk–Newport News, VA–NC	404	408	274.0	593	599	500.2	418	419	374.7	178	177	140.5	51	50	24.0
Washington, DC–VA–MD–WV	1,285	—	—	3,190	—	—	2,557	—	—	1,289	—	—	449	—	—
Bethesda Division	169	—	—	494	—	—	360	—	—	192	—	—	67	—	—
Washington Division	1,116	—	—	2,696	—	—	2,197	—	—	1,097	—	—	382	—	—
Wichita, KS	37	37	76.5	65	66	150.5	19	19	49.7	15	15	33.4	4	4	5.1
Worcester, MA	90	—	—	206	—	—	147	—	—	62	—	—	12	—	—
Youngstown–Warren–Boardman, OH–PA	26	26	61.7	58	56	191.6	48	46	133.9	20	18	39.8	8	8	8.2
<b>Subtotal for MSAs (population ≥ 500,000)</b>	30,598	27,671	187.1	61,284	53,720	409.6	51,600	45,069	344.8	23,733	20,705	150.9	8,088	6,962	29.8
<b>Metropolitan areas (population of 50,000–499,999)</b>	4,976	4,666	97.0	8,009	7,391	219.6	6,178	5,650	168.2	2,918	2,696	69.7	938	844	11.4
<b>Nonmetropolitan areas</b>	3,452	3,379	88.4	4,692	4,531	173.2	3,662	3,529	121.4	1,693	1,637	45.8	611	574	7.6
<b>Total<sup>d</sup></b>	39,384	35,715	152.5	74,631	65,642	343.7	61,996	54,248	280.5	28,600	25,038	118.3	9,745	8,380	21.9

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan–Caguas–Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 4a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Akron, OH	0	0	0.0	1	1	22.2	10	11	35.5	0	0	0.0	13	14	5.8
Albany–Schenectady–Troy, NY	0	0	0.0	1	1	12.5	20	26	113.3	6	8	71.4	25	33	10.9
Albuquerque, NM	3	3	18.5	0	0	0.0	4	4	44.2	40	44	29.2	15	16	10.4
Allentown–Bethlehem–Easton, PA–NJ	0	0	0.0	1	2	19.7	4	4	33.0	17	19	53.2	27	30	10.9
Atlanta–Sandy Springs–Marietta, GA	1	1	24.9	8	11	11.9	712	992	158.4	68	93	42.5	157	221	18.6
Augusta–Richmond County, GA–SC	0	0	0.0	0	0	0.0	46	65	94.6	3	4	66.5	14	23	17.9
Austin–Round Rock, TX	0	0	0.0	2	2	7.0	39	42	86.7	62	67	32.5	97	108	26.5
Bakersfield, CA	0	0	0.0	0	0	0.0	20	25	117.0	46	56	37.9	27	33	23.9
Baltimore–Towson, MD	3	—	—	3	—	—	419	—	—	19	—	—	70	—	—
Baton Rouge, LA	0	0	0.0	0	0	0.0	173	185	178.6	3	3	32.6	28	30	15.5
Birmingham–Hoover, AL	0	0	0.0	0	0	0.0	120	131	114.4	1	1	6.8	37	41	13.3
Boise City–Nampa, ID	0	0	0.0	0	0	0.0	1	1	49.3	1	1	3.9	18	20	9.7
Boston–Cambridge–Quincy, MA–NH <sup>d</sup>	0	—	—	16	—	—	76	—	—	83	—	—	134	—	—
Boston Division	0	—	—	5	—	—	49	—	—	39	—	—	66	—	—
Cambridge Division	0	—	—	9	—	—	19	—	—	26	—	—	34	—	—
Peabody Division	0	—	—	2	—	—	8	—	—	16	—	—	17	—	—
Bradenton–Sarasota–Venice, FL	0	0	0.0	0	0	0.0	23	25	155.3	6	7	23.1	37	40	17.1
Bridgeport–Stamford–Norwalk, CT	0	0	0.0	0	0	0.0	25	33	101.9	28	37	64.5	14	18	7.2
Buffalo–Niagara Falls, NY	0	0	0.0	3	4	49.9	38	51	103.4	11	15	97.8	30	41	10.8
Cape Coral–Fort Myers, FL	0	0	0.0	0	0	0.0	24	26	167.4	10	11	26.2	24	26	14.3
Charleston–North Charleston, SC	0	0	0.0	1	1	25.5	70	77	110.2	6	7	70.7	15	16	9.2
Charlotte–Gastonia–Concord, NC–SC	0	0	0.0	1	1	5.6	214	243	168.1	19	20	33.7	69	78	17.5
Chattanooga, TN–GA	1	1	152.4	0	0	0.0	14	15	57.4	4	6	119.4	21	26	15.2
Chicago, IL–IN–WI	2	3	39.8	14	17	8.3	467	575	95.5	189	230	31.5	290	352	15.7
Chicago Division	2	3	51.1	13	16	8.6	423	522	97.3	171	208	32.5	259	317	17.6
Gary Division	0	0	0.0	1	1	37.5	24	28	61.1	2	2	6.5	19	21	10.7
Lake Division	0	0	0.0	0	0	0.0	20	26	121.3	16	20	34.1	12	14	5.7
Cincinnati–Middletown, OH–KY–IN	0	0	0.0	1	1	7.2	91	98	103.4	5	5	31.6	74	81	11.0
Cleveland–Elyria–Mentor, OH	0	0	0.0	1	1	6.9	97	105	72.4	10	11	31.3	67	72	11.5
Colorado Springs, CO	1	1	52.7	0	0	0.0	7	8	48.0	5	5	17.8	18	20	10.3
Columbia, SC	0	0	0.0	1	1	21.7	123	135	147.0	5	6	44.3	37	40	22.1
Columbus, OH	0	0	0.0	1	1	5.0	105	114	120.9	13	14	59.8	146	157	27.3
Dallas, TX	1	1	9.0	13	14	11.9	427	467	142.8	256	281	39.6	339	367	27.0
Dallas Division	1	1	14.3	12	13	14.7	350	382	163.7	219	238	46.7	274	297	34.4
Fort Worth Division	0	0	0.0	1	1	3.6	77	85	90.6	37	43	21.5	65	70	14.1
Dayton, OH	0	0	0.0	0	0	0.0	41	46	102.8	0	0	0.0	34	36	13.1
Denver–Aurora, CO	1	1	16.9	8	9	26.4	48	53	98.7	60	66	30.2	160	175	24.6

**Table 4a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Des Moines, IA	0	0	0.0	1	1	20.6	3	3	38.6	1	1	8.2	26	28	14.7
Detroit, MI	0	0	0.0	0	0	0.0	267	285	78.2	20	21	33.4	111	118	9.4
Detroit Division	0	0	0.0	0	0	0.0	218	233	82.8	8	9	22.3	37	39	9.8
Warren Division	0	0	0.0	0	0	0.0	49	53	62.8	12	13	50.6	74	79	9.2
Durham–Chapel Hill, NC	0	0	0.0	0	0	0.0	44	48	96.4	10	11	51.9	22	24	20.4
El Paso, TX	0	0	0.0	0	0	0.0	8	9	101.9	93	102	47.7	9	10	22.2
Fresno, CA	1	1	44.7	2	3	8.3	11	13	73.1	32	39	22.6	35	42	31.5
Grand Rapids–Wyoming, MI	0	0	0.0	0	0	0.0	5	5	24.3	8	9	34.8	17	18	7.0
Greensboro–High Point, NC	0	0	0.0	0	0	0.0	67	73	112.6	5	6	27.7	24	26	13.9
Greenville, SC	0	0	0.0	1	1	25.4	31	34	85.4	4	4	24.4	18	19	10.0
Harrisburg–Carlisle, PA	0	0	0.0	1	1	23.3	15	16	79.8	7	8	89.5	19	20	11.1
Hartford–West Hartford–East Hartford, CT	0	0	0.0	1	1	9.0	38	49	104.1	28	34	66.8	57	68	18.5
Honolulu, HI	0	—	—	14	—	—	4	—	—	1	—	—	20	—	—
Houston–Baytown–Sugar Land, TX	0	0	0.0	19	21	15.3	494	539	151.6	332	366	47.5	218	236	23.2
Indianapolis, IN	0	0	0.0	1	1	8.7	106	117	128.0	15	16	48.2	73	79	14.6
Jackson, MS	0	0	0.0	0	0	0.0	108	119	131.8	3	5	116.7	9	10	9.0
Jacksonville, FL	0	0	0.0	1	1	7.2	134	147	138.9	14	15	47.7	76	83	22.6
Kansas City, MO–KS	1	1	28.1	3	3	19.6	72	80	88.8	14	15	26.1	94	103	16.0
Knoxville, TN	0	0	0.0	1	1	25.3	6	6	37.5	1	1	17.3	28	30	12.0
Lakeland, FL	0	0	0.0	0	0	0.0	42	46	152.4	6	7	17.4	28	30	18.8
Lancaster, PA	0	0	0.0	0	0	0.0	5	6	92.5	10	11	79.0	13	14	7.8
Las Vegas–Paradise, NV	1	1	25.0	18	21	38.1	68	74	104.0	91	100	46.7	110	122	29.4
Little Rock–North Little Rock, AR	0	0	0.0	0	0	0.0	34	38	68.6	2	2	21.4	40	45	22.6
Los Angeles, CA	4	5	37.2	95	129	17.9	447	610	177.3	913	1,232	55.5	600	812	44.6
Los Angeles Division	4	5	51.2	72	99	19.1	432	592	183.3	786	1,076	59.1	494	680	55.3
Santa Ana Division	0	0	0.0	23	30	14.8	15	19	87.2	127	156	39.1	106	132	22.3
Louisville, KY–IN	0	0	0.0	3	3	48.6	70	77	126.1	7	8	48.8	58	64	15.4
Madison, WI	0	0	0.0	1	1	12.0	4	4	46.8	4	4	40.8	22	24	11.7
McAllen–Edinburg–Pharr, TX	0	0	0.0	0	0	0.0	0	0	0.0	60	66	29.2	9	10	37.3
Memphis, TN–MS–AR	0	0	0.0	0	0	0.0	247	273	131.2	11	12	53.6	32	37	14.7
Miami, FL	2	2	53.5	14	15	31.5	774	842	212.9	649	708	78.4	463	515	58.9
Fort Lauderdale Division	2	2	123.0	4	4	19.9	283	307	195.1	119	130	74.7	280	313	89.8
Miami Division	0	0	0.0	7	8	50.7	378	412	253.2	486	530	83.8	122	134	71.1
West Palm Beach Division	0	0	0.0	3	3	28.3	113	123	162.9	44	48	49.5	61	68	20.2
Milwaukee–Waukesha–West Allis, WI	1	1	36.8	4	4	27.0	78	86	102.0	11	12	23.6	39	42	9.2
Minneapolis–St. Paul–Bloomington, MN–WI	7	8	87.7	5	5	8.6	74	85	103.1	26	28	46.8	126	138	12.6
Modesto, CA	0	0	0.0	0	0	0.0	3	4	64.3	9	11	14.0	4	5	4.9

**Table 4a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>	
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate
Nashville—Davidson—Murfreesboro, TN	0	0	0.0	3	3	25.6	125	138	155.3	21	25	66.0	96	104	21.4
New Haven—Milford, CT	0	0	0.0	0	0	0.0	33	43	113.1	15	21	49.3	27	35	14.3
New Orleans—Metairie—Kenner, LA	0	0	0.0	4	4	34.0	200	215	147.3	10	12	37.7	83	89	32.8
New York, NY—NJ—PA	1	1	9.2	80	107	14.7	1,485	1,951	168.0	1,102	1,435	89.0	757	1,019	25.3
Edison Division	0	0	0.0	7	12	12.3	48	79	120.6	40	65	58.6	46	79	11.9
Nassau Division	0	0	0.0	6	8	13.3	58	77	80.3	54	75	49.9	75	101	11.8
New York—White Plains—Wayne Division	1	1	13.1	62	79	15.0	1,169	1,445	172.3	936	1,178	97.6	570	722	35.7
Newark Division	0	0	0.0	5	8	18.3	210	350	216.2	72	118	81.4	66	117	23.7
Ogden—Clearfield, UT	0	0	0.0	0	0	0.0	1	1	41.0	4	4	19.3	6	6	3.7
Oklahoma City, OK	3	3	18.0	2	2	15.7	35	39	80.5	11	12	25.7	62	68	19.5
Omaha—Council Bluffs, NE—IA	0	0	0.0	1	1	18.6	20	22	90.8	4	4	17.0	38	43	15.7
Orlando, FL	0	0	0.0	3	3	10.9	170	186	163.9	151	167	85.0	150	164	33.1
Oxnard—Thousand Oaks—Ventura, CA	0	0	0.0	1	1	6.4	2	3	41.3	10	12	10.3	16	19	11.1
Palm Bay—Melbourne—Titusville, FL	0	0	0.0	0	0	0.0	19	21	103.9	4	5	32.6	31	34	18.5
Philadelphia, PA—NJ—DE—MD	2	—	—	10	—	—	499	—	—	133	—	—	215	—	—
Camden Division	0	0	0.0	1	2	8.3	32	56	72.7	19	33	83.4	37	60	16.4
Philadelphia Division	2	2	85.8	9	10	12.8	411	450	144.6	109	119	117.2	159	178	16.4
Wilmington Division	0	—	—	0	—	—	56	—	—	5	—	—	19	—	—
Phoenix—Mesa—Scottsdale, AZ	18	19	64.1	6	6	13.5	32	34	45.2	137	147	27.9	214	232	22.0
Pittsburgh, PA	0	0	0.0	0	0	0.0	67	73	104.3	1	1	10.1	65	71	8.2
Portland—South Portland, ME	0	0	0.0	1	1	44.5	7	8	258.4	0	0	0.0	17	20	10.0
Portland—Vancouver—Beaverton, OR—WA	2	2	31.1	5	5	11.6	9	10	39.1	30	32	35.5	127	140	19.3
Poughkeepsie—Newburgh—Middletown, NY	0	0	0.0	0	0	0.0	24	32	114.6	12	16	42.1	14	19	9.3
Providence—New Bedford—Fall River, RI—MA	0	0	0.0	2	3	26.4	18	17	79.2	29	32	66.4	66	61	17.6
Provo—Orem, UT	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	6	3.2
Raleigh—Cary, NC	0	0	0.0	1	1	6.2	84	91	112.4	14	15	37.9	51	55	18.5
Richmond, VA	0	0	0.0	2	2	18.1	115	139	99.9	5	6	26.4	38	45	14.4
Riverside—San Bernardino—Ontario, CA	0	0	0.0	7	9	9.6	55	66	55.0	113	137	19.1	135	167	24.8
Rochester, NY	0	0	0.0	2	3	29.7	51	67	160.7	8	11	52.0	36	48	13.7
Sacramento—Arden-Arcade—Roseville, CA	1	1	17.7	6	7	7.7	45	55	93.4	27	34	21.8	84	103	20.0
St. Louis, MO—IL	1	1	37.3	3	3	16.9	180	205	113.7	9	10	40.3	99	109	12.2
Salt Lake City, UT	0	0	0.0	0	0	0.0	2	2	34.1	14	15	22.3	34	37	10.7
San Antonio, TX	1	1	34.7	5	5	40.2	29	31	63.9	140	153	37.0	57	64	20.2
San Diego—Carlsbad—San Marcos, CA	7	8	119.7	21	26	21.4	57	71	110.3	182	223	62.8	200	243	35.8
San Francisco, CA	4	5	80.2	68	79	20.5	179	214	150.4	171	202	55.8	340	402	47.2
Oakland Division	0	0	0.0	17	20	9.9	114	139	130.3	53	65	29.0	92	112	24.6
San Franciso Division	4	5	225.5	51	59	32.7	65	75	210.7	118	137	99.4	248	290	73.1

**Table 4a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.
	No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate	
San Jose–Sunnyvale–Santa Clara, CA	1	1	53.4	16	19	8.6	7	10	49.8	49	62	30.9	49	61	20.2
San Juan–Caguas–Guaynabo, PR <sup>e</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	0	0	0.0	0	0	0.0	5	6	85.0	4	4	52.8	14	15	7.2
Seattle, WA	2	2	15.3	17	18	12.8	40	43	54.8	65	70	66.2	213	234	22.8
Seattle Division	2	2	21.6	17	18	14.4	30	33	58.7	52	56	68.2	191	210	26.8
Tacoma Division	0	0	0.0	0	0	0.0	10	11	45.8	13	14	59.2	22	24	9.8
Springfield, MA	0	—	—	0	—	—	8	—	—	25	—	—	20	—	—
Stockton, CA	0	0	0.0	5	6	17.5	13	16	85.9	33	40	42.5	26	31	29.2
Syracuse, NY	0	0	0.0	0	0	0.0	15	20	117.5	2	3	43.1	19	25	10.9
Tampa–St. Petersburg–Clearwater, FL	3	3	91.1	4	4	14.8	136	151	133.4	81	89	53.6	219	239	30.0
Toledo, OH	0	0	0.0	0	0	0.0	11	12	37.5	1	1	8.0	15	16	7.3
Tucson, AZ	1	1	10.8	2	2	21.2	3	3	22.4	28	30	24.1	45	50	20.4
Tulsa, OK	5	5	21.1	0	0	0.0	16	17	57.9	10	11	37.3	33	35	13.3
Virginia Beach–Norfolk–Newport News, VA–NC	0	0	0.0	1	1	5.8	184	219	112.6	5	7	24.0	56	68	16.4
Washington, DC–VA–MD–WV	5	—	—	14	—	—	840	—	—	148	—	—	220	—	—
Bethesda Division	1	—	—	1	—	—	56	—	—	22	—	—	23	—	—
Washington Division	4	—	—	13	—	—	784	—	—	126	—	—	197	—	—
Wichita, KS	0	0	0.0	0	0	0.0	10	11	62.8	5	6	25.1	18	21	11.0
Worcester, MA	0	—	—	0	—	—	14	—	—	11	—	—	12	—	—
Youngstown–Warren–Boardman, OH–PA	0	0	0.0	0	0	0.0	22	23	101.9	6	6	136.1	4	4	2.2
<b>Subtotal for MSAs (population <math>\geq</math> 500,000)</b>	<b>87</b>	<b>89</b>	<b>25.3</b>	<b>554</b>	<b>619</b>	<b>14.5</b>	<b>11,584</b>	<b>12,017</b>	<b>128.6</b>	<b>6,545</b>	<b>7,660</b>	<b>53.9</b>	<b>8,463</b>	<b>9,331</b>	<b>20.5</b>
Metropolitan areas (population of 50,000–499,999)	29	31	16.6	30	36	8.3	1,638	1,890	90.5	616	597	25.2	1,345	1,518	9.2
Nonmetropolitan areas	36	42	11.5	11	13	9.9	982	1,119	65.5	245	280	20.4	904	1,015	6.2
<b>Total<sup>f</sup></b>	<b>153</b>	<b>162</b>	<b>17.9</b>	<b>597</b>	<b>668</b>	<b>13.8</b>	<b>14,362</b>	<b>15,026</b>	<b>114.4</b>	<b>7,496</b>	<b>8,537</b>	<b>47.6</b>	<b>10,779</b>	<b>11,864</b>	<b>15.2</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases (see Technical Notes).

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>d</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>e</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>f</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 4b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Akron, OH	1	1	165.6	3	3	63.3	205	200	667.7	13	13	413.4	362	349	144.4
Albany–Schenectady–Troy, NY	0	0	0.1	7	8	78.6	398	413	1,767.3	225	231	2,072.9	581	611	200.0
Albuquerque, NM	51	50	285.1	4	4	70.7	69	69	705.5	499	491	328.5	421	410	260.6
Allentown–Bethlehem–Easton, PA–NJ	0	0	0.0	3	3	36.3	137	136	1,040.9	324	322	923.7	394	392	143.0
Atlanta–Sandy Springs–Marietta, GA	16	17	315.8	65	67	72.8	11,400	11,542	1,843.8	907	928	425.6	5,072	5,110	430.7
Augusta–Richmond County, GA–SC	1	1	139.2	1	1	34.6	948	948	1,370.4	29	30	472.8	333	336	264.0
Austin–Round Rock, TX	7	7	271.5	25	25	82.2	683	669	1,366.9	970	962	464.6	1,853	1,826	448.4
Bakersfield, CA	9	9	332.4	16	16	136.9	398	397	1,843.1	573	569	388.5	452	445	320.5
Baltimore–Towson, MD	17	—	—	29	—	—	8,828	—	—	314	—	—	2,125	—	—
Baton Rouge, LA	2	2	243.7	5	5	102.3	1,851	1,755	1,690.5	28	28	281.9	516	502	259.8
Birmingham–Hoover, AL	2	2	143.6	2	2	40.7	1,440	1,417	1,234.1	44	44	273.9	914	902	295.8
Boise City–Nampa, ID	5	5	228.4	3	3	84.9	12	13	545.8	39	39	142.6	278	276	136.1
Boston–Cambridge–Quincy, MA–NH <sup>d</sup>	5	—	—	144	—	—	2,009	—	—	1,528	—	—	3,907	—	—
Boston Division	3	—	—	68	—	—	1,451	—	—	853	—	—	2,319	—	—
Cambridge Division	2	—	—	64	—	—	448	—	—	383	—	—	970	—	—
Peabody Division	0	—	—	9	—	—	95	—	—	279	—	—	439	—	—
Bradenton–Sarasota–Venice, FL	2	2	324.5	3	2	67.5	284	275	1,716.7	152	150	529.3	684	672	283.8
Bridgeport–Stamford–Norwalk, CT	1	1	207.4	8	9	55.4	587	594	1,834.4	511	524	914.0	665	670	266.6
Buffalo–Niagara Falls, NY	3	3	107.7	9	11	139.4	590	618	1,264.6	232	243	1,626.9	539	569	150.0
Cape Coral–Fort Myers, FL	0	0	0.0	2	2	67.6	320	317	2,030.8	161	160	382.7	530	523	285.8
Charleston–North Charleston, SC	4	4	350.6	2	2	45.7	842	821	1,181.8	53	52	562.1	496	484	272.6
Charlotte–Gastonia–Concord, NC–SC	10	9	315.1	11	11	58.9	2,523	2,470	1,706.0	209	212	348.7	1,187	1,174	261.9
Chattanooga, TN–GA	1	1	148.4	3	3	112.9	285	282	1,060.9	22	22	452.3	472	474	274.4
Chicago, IL–IN–WI	31	31	477.4	269	270	133.6	9,621	9,433	1,566.6	3,784	3,775	515.9	7,385	7,319	326.6
Chicago Division	30	30	592.6	261	262	144.0	9,046	8,870	1,655.3	3,574	3,565	557.1	6,815	6,759	376.3
Gary Division	1	1	163.5	2	2	64.9	384	374	830.2	84	83	254.6	329	322	167.1
Lake Division	0	0	0.0	6	6	35.1	191	189	890.5	126	126	213.6	241	238	94.2
Cincinnati–Middletown, OH–KY–IN	1	0	16.3	12	12	85.7	1,006	986	1,036.1	62	61	359.8	1,286	1,262	172.8
Cleveland–Elyria–Mentor, OH	4	4	237.9	12	12	79.8	1,746	1,691	1,165.6	250	240	696.8	1,349	1,320	209.8
Colorado Springs, CO	3	3	151.1	7	7	115.5	107	105	661.1	76	77	255.8	414	411	212.8
Columbia, SC	0	0	0.0	4	4	83.5	1,910	1,877	2,051.6	70	69	556.7	564	553	304.1
Columbus, OH	3	3	169.5	16	16	71.3	1,175	1,152	1,219.2	107	104	447.3	2,122	2,084	363.3
Dallas, TX	26	25	210.4	153	153	126.8	4,774	4,677	1,430.4	2,820	2,791	393.6	7,335	7,179	528.2
Dallas Division	22	21	278.8	118	118	130.6	3,824	3,742	1,603.5	2,306	2,285	448.6	5,963	5,841	677.9
Fort Worth Division	4	4	92.0	35	35	115.4	950	936	999.1	514	506	253.4	1,372	1,337	268.9
Dayton, OH	2	2	254.3	6	6	118.3	403	393	888.0	16	15	263.9	518	502	181.9
Denver–Aurora, CO	43	43	681.4	49	50	149.8	926	919	1,700.7	1,345	1,341	618.8	5,127	5,090	714.9

**Table 4b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>		Rate	Estimated <sup>c</sup>		Rate	Estimated <sup>c</sup>		Rate	Estimated <sup>c</sup>		Rate	Estimated <sup>c</sup>		Rate
	No.	No.		No.	No.		No.	No.		No.	No.		No.	No.	
Des Moines, IA	0	0	0.0	8	8	145.7	57	57	671.5	39	39	302.6	299	299	155.5
Detroit, MI	8	8	150.6	28	28	49.8	4,362	4,230	1,159.3	211	206	320.7	2,106	2,066	164.1
Detroit Division	5	5	209.5	16	16	84.8	3,797	3,676	1,307.5	148	143	367.5	903	884	218.9
Warren Division	3	3	102.6	12	12	32.2	565	553	661.4	63	63	248.8	1,203	1,181	138.2
Durham-Chapel Hill, NC	2	2	307.2	5	4	52.2	878	859	1,739.0	106	107	509.0	299	296	251.5
El Paso, TX	0	0	0.0	2	2	72.2	60	60	702.7	1,121	1,108	517.8	126	123	281.4
Fresno, CA	8	8	301.0	29	29	95.7	141	138	770.7	453	449	261.4	364	360	273.2
Grand Rapids–Wyoming, MI	2	2	135.8	6	6	122.5	137	134	609.8	85	85	345.1	385	378	146.8
Greensboro–High Point, NC	7	7	562.8	9	9	129.3	953	937	1,451.6	71	71	358.9	433	425	226.7
Greenville, SC	0	0	0.0	2	2	43.8	482	473	1,199.2	54	54	304.7	347	338	173.9
Harrisburg–Carlisle, PA	0	0	0.4	6	6	126.8	307	305	1,513.9	115	114	1,353.1	458	456	248.0
Hartford–West Hartford–East Hartford, CT	1	1	82.1	12	13	79.1	624	628	1,328.1	865	869	1,702.3	796	794	215.9
Honolulu, HI	6	—	—	219	—	—	73	—	—	118	—	—	741	—	—
Houston–Baytown–Sugar Land, TX	20	20	293.1	163	163	120.0	6,243	6,080	1,709.8	3,714	3,669	476.2	5,158	4,991	489.8
Indianapolis, IN	1	1	31.2	23	23	181.5	1,118	1,095	1,197.1	180	179	525.0	1,858	1,815	335.2
Jackson, MS	1	1	201.7	1	1	52.9	1,628	1,595	1,768.0	24	24	605.9	352	345	318.8
Jacksonville, FL	2	2	107.1	16	16	108.7	2,085	2,044	1,933.8	163	162	508.6	1,291	1,268	345.0
Kansas City, MO–KS	14	14	363.0	24	24	147.0	1,175	1,167	1,300.6	318	320	549.5	2,131	2,102	326.8
Knoxville, TN	0	0	0.0	3	3	71.3	164	163	940.6	21	21	346.7	642	639	253.1
Lakeland, FL	5	5	648.0	2	2	53.7	454	447	1,484.8	142	140	369.6	428	419	258.8
Lancaster, PA	0	0	0.0	1	1	31.8	62	61	1,013.2	138	138	1,003.3	240	240	134.7
Las Vegas–Paradise, NV	20	19	425.3	111	111	205.0	960	946	1,320.9	1,013	1,009	471.1	2,429	2,394	577.2
Little Rock–North Little Rock, AR	2	2	131.8	1	1	31.2	577	562	1,027.1	36	34	344.1	684	670	340.3
Los Angeles, CA	94	93	643.1	1,277	1,292	179.1	6,750	6,745	1,959.7	15,859	15,967	719.1	16,135	16,047	880.4
Los Angeles Division	81	80	765.9	1,074	1,088	208.6	6,520	6,520	2,020.8	13,770	13,901	763.1	13,307	13,270	1,077.7
Santa Ana Division	13	13	318.3	203	204	102.0	230	225	1,044.5	2,089	2,065	518.1	2,828	2,777	469.6
Louisville, KY–IN	5	5	353.3	10	10	152.5	803	788	1,293.3	73	74	472.7	1,264	1,243	299.5
Madison, WI	2	2	222.2	7	7	76.1	88	85	905.7	40	40	384.8	329	324	157.1
McAllen–Edinburg–Pharr, TX	0	0	0.0	—	0	0.0	11	11	538.3	577	569	252.8	53	51	194.3
Memphis, TN–MS–AR	0	0	0.0	2	2	23.3	3,660	3,652	1,754.7	71	71	316.2	872	870	343.6
Miami, FL	11	11	285.0	69	68	141.4	13,216	12,950	3,272.3	10,309	10,207	1,129.7	9,238	9,133	1,044.3
Fort Lauderdale Division	6	6	343.3	35	36	162.6	3,987	3,915	2,484.9	1,694	1,683	967.8	4,945	4,890	1,404.8
Miami Division	3	3	284.2	19	18	119.3	6,701	6,560	4,028.6	7,973	7,892	1,246.5	2,883	2,854	1,517.7
West Palm Beach Division	2	2	190.3	15	15	129.8	2,528	2,476	3,284.1	642	633	655.6	1,410	1,388	410.4
Milwaukee–Waukesha–West Allis, WI	4	4	126.5	18	18	111.3	998	979	1,161.3	260	257	503.6	850	833	180.8
Minneapolis–St. Paul–Bloomington, MN–WI	52	50	581.3	53	53	84.2	1,127	1,114	1,357.6	367	364	604.9	2,662	2,625	239.5
Modesto, CA	2	2	121.2	7	7	71.1	26	26	456.0	135	134	178.5	222	218	214.8

**Table 4b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Nashville–Davidson–Murfreesboro, TN	3	3	144.1	11	11	86.2	1,537	1,524	1,710.2	146	148	394.4	1,910	1,900	391.0
New Haven–Milford, CT	1	1	147.1	9	10	84.4	682	696	1,844.2	547	557	1,281.7	783	789	322.4
New Orleans–Metairie–Kenner, LA	7	7	310.8	28	28	220.2	2,906	2,783	1,903.2	272	268	856.7	2,143	2,081	764.7
New York, NY–NJ–PA	82	84	537.6	1,271	1,319	182.2	37,180	37,686	3,245.0	29,131	29,617	1,836.6	23,042	23,397	580.0
Edison Division	4	4	350.2	26	28	29.6	967	981	1,506.3	662	680	615.7	1,291	1,310	197.5
Nassau Division	1	1	45.8	29	32	52.7	1,135	1,197	1,251.7	789	846	563.4	1,537	1,613	188.9
New York–White Plains–Wayne Division	71	72	663.5	1,189	1,231	233.7	29,838	30,215	3,603.3	26,121	26,501	2,195.3	18,860	19,096	943.6
Newark Division	6	6	500.8	27	29	67.0	5,240	5,292	3,266.5	1,559	1,590	1,097.8	1,354	1,378	279.5
Ogden–Clearfield, UT	6	6	542.0	4	4	144.3	24	24	897.7	38	38	174.3	139	139	79.1
Oklahoma City, OK	62	59	336.7	17	17	122.4	462	450	933.9	157	155	337.4	1,165	1,127	321.4
Omaha–Council Bluffs, NE–IA	11	11	712.1	7	7	118.0	200	198	832.9	96	95	379.9	517	514	185.7
Orlando, FL	10	10	439.8	27	27	92.1	2,443	2,410	2,123.5	1,418	1,409	719.3	3,060	3,031	610.3
Oxnard–Thousand Oaks–Ventura, CA	0	0	0.0	11	11	54.0	27	27	438.7	285	285	240.0	335	331	189.7
Palm Bay–Melbourne–Titusville, FL	0	0	0.0	1	1	22.3	217	214	1,074.6	66	65	411.3	468	461	253.4
Philadelphia, PA–NJ–DE–MD	16	—	—	114	—	—	9,837	—	—	2,246	—	—	5,323	—	—
Camden Division	0	0	0.0	11	12	58.0	920	938	1,212.4	354	359	919.1	805	820	224.9
Philadelphia Division	16	16	621.3	100	98	129.4	7,935	7,809	2,510.9	1,775	1,761	1,732.6	4,056	4,026	370.1
Wilmington Division	0	—	—	3	—	—	982	—	—	117	—	—	462	—	—
Phoenix–Mesa–Scottsdale, AZ	193	191	630.3	36	36	77.2	678	669	882.1	1,996	1,985	375.9	4,670	4,635	439.9
Pittsburgh, PA	0	0	0.1	8	8	52.5	698	690	991.9	73	73	659.5	1,289	1,276	147.9
Portland–South Portland, ME	0	0	0.0	0	0	0.0	41	42	1,327.8	24	25	761.4	402	410	203.0
Portland–Vancouver–Beaverton, OR–WA	32	32	462.1	56	56	121.1	243	243	967.6	366	367	400.7	2,905	2,885	396.6
Poughkeepsie–Newburgh–Middletown, NY	2	2	327.5	2	2	29.3	568	587	2,083.5	566	589	1,574.6	394	411	201.1
Providence–New Bedford–Fall River, RI–MA	5	3	180.8	21	21	193.5	379	284	1,334.0	387	289	609.7	1,039	647	188.0
Provo–Orem, UT	0	0	0.0	0	0	0.0	3	3	258.7	33	33	182.2	65	64	36.9
Raleigh–Cary, NC	9	9	524.6	14	14	81.6	1,192	1,174	1,446.7	184	185	457.4	750	748	250.2
Richmond, VA	2	2	91.8	13	13	99.5	1,996	2,007	1,439.7	100	103	466.1	829	835	266.9
Riverside–San Bernardino–Ontario, CA	38	37	377.0	87	86	95.3	845	830	696.3	1,685	1,662	231.8	3,713	3,615	537.6
Rochester, NY	1	1	92.7	5	5	60.4	685	724	1,733.4	338	352	1,703.4	723	759	218.3
Sacramento–Arden–Arcade–Roseville, CA	27	27	431.7	59	59	64.2	450	447	756.6	408	407	262.1	1,689	1,672	324.6
St. Louis, MO–IL	4	4	133.9	18	18	90.6	2,471	2,416	1,339.0	132	133	520.4	2,342	2,298	256.5
Salt Lake City, UT	10	10	287.1	10	10	83.2	88	88	1,413.8	253	253	371.2	1,140	1,134	330.5
San Antonio, TX	12	12	377.2	22	22	167.1	451	444	906.8	2,112	2,080	504.3	1,103	1,080	340.9
San Diego–Carlsbad–San Marcos, CA	75	73	1,037.8	240	238	197.6	1,151	1,125	1,756.5	2,900	2,881	810.9	5,583	5,473	806.3
San Francisco, CA	88	88	1,482.4	922	931	241.0	3,721	3,635	2,552.2	3,489	3,505	967.3	12,322	12,253	1,438.0
Oakland Division	12	12	314.5	218	218	105.3	1,842	1,769	1,656.0	899	893	398.2	2,195	2,149	471.4
San Francisco Division	76	76	3,600.1	704	713	397.5	1,879	1,866	5,243.8	2,590	2,612	1,891.3	10,127	10,104	2,549.9

**Table 4b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
San Jose–Sunnyvale–Santa Clara, CA	6	6	277.8	188	187	82.8	231	227	1,150.5	905	904	452.3	1,150	1,137	374.1
San Juan–Caguas–Guaynabo, PR <sup>e</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	1	1	418.3	1	1	53.5	88	88	1,365.2	58	59	706.8	244	242	116.0
Seattle, WA	81	81	582.1	207	207	144.0	921	917	1,156.9	712	712	671.9	4,995	4,944	480.6
Seattle Division	71	71	721.6	193	193	151.7	775	772	1,389.3	635	634	771.2	4,549	4,507	573.4
Tacoma Division	10	10	243.6	14	14	85.0	146	145	612.2	77	78	327.5	446	438	180.2
Springfield, MA	3	—	—	8	—	—	191	—	—	498	—	—	363	—	—
Stockton, CA	5	5	309.4	37	36	103.0	195	192	1,019.3	259	256	269.0	312	308	287.0
Syracuse, NY	4	4	219.4	3	4	74.1	201	211	1,252.4	65	68	1,088.1	390	412	179.9
Tampa–St. Petersburg–Clearwater, FL	14	14	379.9	32	31	108.2	2,100	2,055	1,819.7	875	864	520.6	4,042	3,974	498.3
Toledo, OH	0	0	0.0	7	7	205.3	227	217	700.8	35	34	255.2	354	347	158.6
Tucson, AZ	38	38	385.4	11	11	109.2	109	107	750.9	498	492	391.7	948	941	383.1
Tulsa, OK	79	77	309.2	4	4	72.1	227	221	750.2	80	79	279.0	764	741	278.1
Virginia Beach–Norfolk–Newport News, VA–NC	6	5	190.2	25	26	128.4	2,841	2,856	1,469.4	132	135	488.7	1,201	1,206	290.9
Washington, DC–VA–MD–WV	15	—	—	189	—	—	12,680	—	—	1,763	—	—	5,481	—	—
Bethesda Division	3	—	—	34	—	—	1,044	—	—	322	—	—	640	—	—
Washington Division	12	—	—	155	—	—	11,636	—	—	1,441	—	—	4,841	—	—
Wichita, KS	4	4	185.2	4	4	50.2	107	106	611.4	78	78	353.2	379	373	196.4
Worcester, MA	1	—	—	17	—	—	169	—	—	291	—	—	438	—	—
Youngstown–Warren–Boardman, OH–PA	1	1	272.3	1	1	84.5	215	211	917.3	35	35	740.8	194	185	93.0
<b>Subtotal for MSAs (population ≥ 500,000)</b>	<b>1,473</b>	<b>1,406</b>	<b>401</b>	<b>6,734</b>	<b>6,207</b>	<b>145.4</b>	<b>196,376</b>	<b>170,078</b>	<b>1,820.8</b>	<b>116,174</b>	<b>111,716</b>	<b>786.5</b>	<b>202,184</b>	<b>186,838</b>	<b>410.5</b>
Metropolitan areas (population of 50,000–499,999)	355	346	183	362	361	83.1	23,836	22,902	1,096.6	10,579	7,729	326.7	29,192	28,003	169.5
Nonmetropolitan areas	447	432	118.9	139	93	71.5	17,166	16,730	978.7	4,813	4,725	344.5	16,284	15,388	94.7
<b>Total<sup>f</sup></b>	<b>2,306</b>	<b>2,184</b>	<b>241.8</b>	<b>7,280</b>	<b>6,661</b>	<b>137.8</b>	<b>239,718</b>	<b>209,710</b>	<b>1,596.1</b>	<b>133,298</b>	<b>124,170</b>	<b>692.1</b>	<b>250,293</b>	<b>230,230</b>	<b>294.1</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases (see Technical Notes).

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>d</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>e</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>f</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 5a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>			Estimated <sup>c</sup>		
	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate	No.	No.	Rate
Akron, OH	0	0	0.0	1	1	20.7	2	2	6.2	0	0	0.0	5	5	2.0
Albany–Schenectady–Troy, NY	0	0	0.0	1	1	12.3	16	21	86.8	2	3	23.7	3	4	1.2
Albuquerque, NM	2	2	11.3	0	0	0.0	3	3	39.3	1	1	0.7	1	1	0.7
Allentown–Bethlehem–Easton, PA–NJ	0	0	0.0	0	0	0.0	2	2	16.6	6	7	20.7	6	7	2.3
Atlanta–Sandy Springs–Marietta, GA	0	0	0.0	2	3	2.8	201	275	37.1	7	10	6.3	21	29	2.4
Augusta–Richmond County, GA–SC	0	0	0.0	1	3	60.6	21	28	34.1	0	0	0.0	4	5	3.9
Austin–Round Rock, TX	0	0	0.0	0	0	0.0	13	14	27.2	10	11	6.1	13	14	3.4
Bakersfield, CA	0	0	0.0	0	0	0.0	4	5	34.6	6	7	5.6	5	6	4.7
Baltimore–Towson, MD	2	—	—	2	—	—	229	—	—	4	—	—	37	—	—
Baton Rouge, LA	0	0	0.0	1	1	22.3	94	103	89.0	0	0	0.0	9	10	4.8
Birmingham–Hoover, AL	0	0	0.0	0	0	0.0	43	47	33.7	2	3	27.0	12	13	4.0
Boise City–Nampa, ID	0	0	0.0	1	1	25.4	1	1	64.2	0	0	0.0	3	3	1.5
Boston–Cambridge–Quincy, MA–NH <sup>d</sup>	0	—	—	2	—	—	65	—	—	34	—	—	19	—	—
Boston Division	0	—	—	1	—	—	38	—	—	18	—	—	6	—	—
Cambridge Division	0	—	—	0	—	—	21	—	—	6	—	—	8	—	—
Peabody Division	—	—	—	1	—	—	6	—	—	10	—	—	2	—	—
Bradenton–Sarasota–Venice, FL	0	0	0.0	0	0	0.0	14	15	82.7	1	1	4.8	4	4	1.7
Bridgeport–Stamford–Norwalk, CT	0	0	0.0	0	0	0.0	27	37	93.2	5	6	12.4	7	9	3.4
Buffalo–Niagara Falls, NY	0	0	0.0	3	4	51.9	23	30	52.5	3	4	27.4	12	16	3.8
Cape Coral–Fort Myers, FL	0	0	0.0	0	0	0.0	20	22	122.4	6	6	19.0	5	6	2.9
Charleston–North Charleston, SC	0	0	0.0	0	0	0.0	26	28	34.7	0	0	0.0	2	2	1.2
Charlotte–Gastonia–Concord, NC–SC	0	0	0.0	2	2	11.6	80	89	50.8	6	6	14.0	9	10	2.0
Chattanooga, TN–GA	0	0	0.0	0	0	0.0	8	9	26.5	2	2	49.2	4	5	2.5
Chicago, IL–IN–WI	0	0	0.0	3	4	1.9	149	179	24.2	33	39	6.0	21	25	1.1
Chicago Division	0	0	0.0	3	4	2.1	134	162	24.5	30	36	6.2	18	22	1.2
Gary Division	0	0	0.0	0	0	0.0	8	9	15.1	0	0	0.0	1	1	0.5
Lake Division	0	0	0.0	0	0	0.0	7	8	36.8	3	4	7.3	2	2	0.9
Cincinnati–Middletown, OH–KY–IN	0	0	0.0	0	0	0.0	32	36	32.0	1	1	7.7	17	18	2.4
Cleveland–Elyria–Mentor, OH	0	0	0.0	0	0	0.0	25	27	14.8	8	9	25.0	4	4	0.6
Colorado Springs, CO	0	0	0.0	0	0	0.0	2	2	16.0	0	0	0.0	2	2	1.1
Columbia, SC	0	0	0.0	0	0	0.0	34	37	34.3	3	3	33.1	4	4	2.2
Columbus, OH	0	0	0.0	1	1	5.0	30	32	31.2	1	1	5.9	13	14	2.3
Dallas, TX	3	3	26.4	7	8	6.2	204	222	57.7	36	39	6.8	38	41	2.9
Dallas Division	1	1	14.2	4	4	4.8	171	185	66.3	30	33	8.1	18	19	2.2
Fort Worth Division	2	2	48.8	3	3	10.6	33	38	35.3	6	6	3.8	20	22	4.1
Dayton, OH	0	0	0.0	0	0	0.0	12	13	24.4	0	0	0.0	2	2	0.7
Denver–Aurora, CO	1	1	16.5	1	2	5.2	22	24	44.1	9	10	5.1	8	9	1.2

**Table 5a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.
	No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate	
Des Moines, IA	0	0	0.0	0	0	0.0	5	5	62.2	1	1	10.9	1	1	0.5
Detroit, MI	0	0	0.0	0	0	0.0	89	96	21.6	3	3	5.6	14	15	1.2
Detroit Division	0	0	0.0	0	0	0.0	74	80	23.0	3	3	9.5	7	8	1.8
Warren Division	0	0	0.0	0	0	0.0	15	16	16.7	0	0	0.0	7	8	0.8
Durham–Chapel Hill, NC	0	0	0.0	0	0	0.0	19	22	35.2	7	7	57.3	5	5	4.1
El Paso, TX	0	0	0.0	0	0	0.0	1	1	15.7	10	11	4.5	0	0	0.0
Fresno, CA	0	0	0.0	1	1	4.1	6	7	41.1	3	3	2.2	4	5	3.5
Grand Rapids–Wyoming, MI	0	0	0.0	0	0	0.0	4	4	19.6	0	0	0.0	3	3	1.2
Greensboro–High Point, NC	0	0	0.0	0	0	0.0	27	29	37.5	0	0	0.0	4	4	2.1
Greenville, SC	0	0	0.0	0	0	0.0	7	8	16.3	2	2	18.3	4	4	2.1
Harrisburg–Carlisle, PA	0	0	0.0	0	0	0.0	6	7	32.1	2	2	29.1	3	3	1.6
Hartford–West Hartford–East Hartford, CT	0	0	0.0	0	0	0.0	18	24	48.3	15	21	39.3	7	9	2.3
Honolulu, HI	0	—	—	4	—	—	0	—	—	0	—	—	0	—	—
Houston–Baytown–Sugar Land, TX	0	0	0.0	2	2	1.6	249	269	65.4	54	58	8.5	52	56	5.4
Indianapolis, IN	0	0	0.0	2	2	16.6	31	34	31.9	6	7	26.3	9	10	1.7
Jackson, MS	0	0	0.0	0	0	0.0	38	41	38.6	1	1	35.0	4	4	3.6
Jacksonville, FL	0	0	0.0	1	1	6.4	92	100	80.7	6	7	21.4	16	17	4.5
Kansas City, MO–KS	0	0	0.0	0	0	0.0	24	26	25.2	2	2	4.4	7	7	1.1
Knoxville, TN	0	0	0.0	0	0	0.0	3	3	15.8	0	0	0.0	5	5	2.0
Lakeland, FL	0	0	0.0	0	0	0.0	18	19	60.3	5	6	17.5	8	9	4.9
Lancaster, PA	0	0	0.0	0	0	0.0	3	3	59.3	6	6	47.0	9	10	5.2
Las Vegas–Paradise, NV	0	0	0.0	3	3	4.7	31	34	44.7	6	6	3.5	14	15	3.8
Little Rock–North Little Rock, AR	0	0	0.0	0	0	0.0	8	9	13.1	0	0	0.0	4	4	2.0
Los Angeles, CA	2	2	16.3	10	13	1.5	87	119	29.6	103	141	6.5	36	48	2.6
Los Angeles Division	2	2	22.1	4	5	0.9	85	117	30.4	97	134	7.5	31	42	3.3
Santa Ana Division	0	0	0.0	6	7	3.3	2	3	13.4	6	7	1.9	5	6	1.0
Louisville, KY–IN	0	0	0.0	1	1	15.9	17	18	25.9	1	1	9.6	10	11	2.4
Madison, WI	0	0	0.0	0	0	0.0	5	5	65.9	0	0	0.0	0	0	0.0
McAllen–Edinburg–Pharr, TX	0	0	0.0	0	0	0.0	0	0	0.0	16	18	7.4	0	0	0.0
Memphis, TN–MS–AR	0	0	0.0	0	0	0.0	91	101	40.1	4	4	27.4	5	5	2.0
Miami, FL	0	0	0.0	1	1	2.0	454	495	108.7	111	121	12.9	39	42	4.5
Fort Lauderdale Division	0	0	0.0	1	1	4.4	153	167	91.2	30	32	18.6	13	14	3.9
Miami Division	0	0	0.0	0	0	0.0	214	233	123.3	72	79	11.6	10	11	5.7
West Palm Beach Division	0	0	0.0	0	0	0.0	87	94	114.1	9	10	11.6	16	17	4.6
Milwaukee–Waukesha–West Allis, WI	0	0	0.0	0	0	0.0	18	19	18.6	2	2	4.7	6	7	1.3
Minneapolis–St. Paul–Bloomington, MN–WI	2	2	24.1	2	2	3.3	37	41	53.5	0	0	0.0	17	18	1.6
Modesto, CA	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	1.1
Nashville–Davidson–Murfreesboro, TN	0	0	0.0	3	3	24.9	35	38	36.0	3	3	12.9	12	13	2.5

**Table 5a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

**Table 5a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and race/ethnicity, 2010—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		No.	Estimated <sup>c</sup>		
	No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate	
Scranton–Wilkes-Barre, PA	0	0	0.0	0	0	0.0	5	7	178.0	0	0	0.0	2	2	0.9
Seattle, WA	1	1	7.4	3	3	2.0	23	25	35.7	5	6	6.4	22	24	2.3
Seattle Division	1	1	10.6	2	2	1.5	17	18	36.6	3	3	5.0	19	21	2.6
Tacoma Division	0	0	0.0	1	1	4.9	6	7	33.3	2	2	10.8	3	3	1.3
Springfield, MA	—	—	—	0	—	—	4	—	—	9	—	—	6	—	—
Stockton, CA	0	0	0.0	0	0	0.0	3	4	21.3	3	4	4.1	3	4	3.3
Syracuse, NY	0	0	0.0	0	0	0.0	5	7	34.9	1	1	22.4	4	5	2.2
Tampa–St. Petersburg–Clearwater, FL	1	1	28.7	0	0	0.0	68	74	56.9	24	26	17.0	32	35	4.0
Toledo, OH	0	0	0.0	0	0	0.0	4	4	11.8	0	0	0.0	4	5	2.3
Tucson, AZ	3	3	28.4	0	0	0.0	5	5	41.2	3	3	2.4	4	4	1.7
Tulsa, OK	1	1	3.9	1	1	18.0	4	4	12.7	0	0	0.0	4	4	1.5
Virginia Beach–Norfolk–Newport News, VA–NC	0	0	0.0	0	0	0.0	70	82	36.4	2	2	8.8	11	13	3.1
Washington, DC–VA–MD–WV	0	—	—	2	—	—	425	—	—	21	—	—	23	—	—
Bethesda Division	0	—	—	0	—	—	53	—	—	5	—	—	4	—	—
Washington Division	0	—	—	2	—	—	372	—	—	16	—	—	19	—	—
Wichita, KS	0	0	0.0	0	0	0.0	7	8	41.7	4	4	22.2	1	1	0.5
Worcester, MA	0	—	—	1	—	—	14	—	—	5	—	—	4	—	—
Youngstown–Warren–Boardman, OH–PA	0	0	0.0	0	0	0.0	2	2	8.3	1	1	22.3	1	1	0.5
Subtotal for MSAs (population $\geq$ 500,000)	28	30	8.0	102	109	2.3	4,950	4,889	44.9	1,295	1,517	11.4	1,047	1,111	2.3
Metropolitan areas (population of 50,000–499,999)	17	18	9.3	14	15	3.1	697	813	35.9	139	120	5.6	285	324	1.9
Nonmetropolitan areas	11	12	3.2	7	7	4.6	370	420	25.0	57	66	5.8	230	260	1.5
Total <sup>f</sup>	57	60	6.3	124	131	2.5	6,063	6,121	41.3	1,510	1,703	10.3	1,577	1,695	2.1

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases (see Technical Notes).

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>d</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>e</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>f</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.







**Table 5b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and race/ethnicity, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	American Indian/Alaska Native			Asian <sup>a</sup>			Black/African American			Hispanic/Latino <sup>b</sup>			White		
	Estimated <sup>c</sup>		Rate	Estimated <sup>c</sup>		Rate	Estimated <sup>c</sup>		Rate	Estimated <sup>c</sup>		Rate	Estimated <sup>c</sup>		Rate
	No.	No.		No.	No.		No.	No.		No.	No.		No.	No.	
Scranton–Wilkes-Barre, PA	0	0	0.0	0	0	0.0	35	35	871.7	26	26	359.8	79	78	34.1
Seattle, WA	31	30	207.3	35	35	21.5	412	412	591.1	87	86	98.7	404	401	38.3
Seattle Division	26	25	250.6	26	26	18.5	340	341	678.0	62	61	92.2	300	297	37.3
Tacoma Division	5	5	107.1	9	9	40.2	72	72	367.2	25	25	119.5	104	104	41.5
Springfield, MA	—	—	—	3	—	—	131	—	—	359	—	—	119	—	—
Stockton, CA	0	0	0.0	9	9	24.4	87	86	438.3	36	36	41.8	80	80	69.7
Syracuse, NY	2	2	96.1	3	4	71.3	146	152	792.9	31	32	537.1	119	124	50.4
Tampa–St. Petersburg–Clearwater, FL	4	4	106.8	6	6	18.0	1,436	1,413	1,084.0	395	391	252.4	734	723	83.5
Toledo, OH	0	0	0.0	1	1	28.8	150	147	399.7	14	14	105.2	91	90	38.5
Tucson, AZ	6	6	50.1	3	3	26.7	55	55	429.3	62	61	46.5	104	103	39.0
Tulsa, OK	10	9	34.5	0	0	0.0	75	73	215.7	13	13	58.1	108	106	37.5
Virginia Beach–Norfolk–Newport News, VA–NC	3	3	112.3	6	6	25.0	1,317	1,323	584.2	65	66	235.1	239	240	57.2
Washington, DC–VA–MD–WV	8	—	—	59	—	—	7,512	—	—	451	—	—	616	—	—
Bethesda Division	2	—	—	16	—	—	998	—	—	85	—	—	158	—	—
Washington Division	6	—	—	43	—	—	6,514	—	—	366	—	—	458	—	—
Wichita, KS	0	0	0.0	1	1	13.3	58	59	315.7	20	20	103.7	54	53	27.0
Worcester, MA	1	—	—	2	—	—	159	—	—	187	—	—	167	—	—
Youngstown–Warren–Boardman, OH–PA	0	0	0.0	0	0	0.0	96	92	363.4	14	14	296.3	46	45	20.7
Subtotal for MSAs (population $\geq 500,000$ )	458	424	114.7	1,369	1,213	26.2	108,398	92,411	849.4	34,004	32,288	242.8	27,996	25,084	52.4
Metropolitan areas (population of 50,000–499,999)	149	146	74.5	139	142	29.2	12,579	12,307	542.7	3,286	2,018	93.8	6,507	6,290	36.1
Nonmetropolitan areas	200	197	52.3	75	58	38.2	7,894	7,657	455.7	1,129	1,118	98.9	4,540	4,377	25.9
Total <sup>f</sup>	818	767	81.4	1,595	1,413	26.8	129,743	112,376	757.9	38,994	35,423	213.6	39,449	35,751	43.5

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases (see Technical Notes).

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>d</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>e</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>f</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 6a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	13	21	1	2	1	1	1	3	9	0
Albany–Schenectady–Troy, NY	28	46	3	8	1	2	8	14	13	0
Albuquerque, NM	43	57	3	5	2	3	2	4	13	0
Allentown–Bethlehem–Easton, PA–NJ	25	35	2	5	2	2	10	12	10	0
Atlanta–Sandy Springs–Marietta, GA	387	1,059	4	65	9	33	10	164	538	1
Augusta–Richmond County, GA–SC	24	67	1	5	0	2	6	18	32	0
Austin–Round Rock, TX	144	186	9	12	7	10	8	14	35	1
Bakersfield, CA	28	50	26	36	11	16	11	17	21	0
Baltimore–Towson, MD	96	—	31	—	10	—	33	—	366	—
Baton Rouge, LA	88	146	7	19	3	10	23	46	85	0
Birmingham–Hoover, AL	91	145	0	4	2	4	10	21	56	0
Boise City–Nampa, ID	9	17	1	2	2	3	0	0	8	0
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	156	—	24	—	9	—	14	—	107	—
Boston Division	82	—	11	—	3	—	8	—	56	—
Cambridge Division	42	—	8	—	5	—	1	—	32	—
Peabody Division	16	—	5	—	1	—	2	—	19	—
Bradenton–Sarasota–Venice, FL	44	55	4	5	2	2	7	10	9	0
Bridgeport–Stamford–Norwalk, CT	33	55	7	19	0	1	6	13	21	0
Buffalo–Niagara Falls, NY	51	77	5	9	6	9	12	19	11	0
Cape Coral–Fort Myers, FL	28	33	1	2	4	4	20	24	5	0
Charleston–North Charleston, SC	67	85	0	2	1	2	6	14	21	0
Charlotte–Gastonia–Concord, NC–SC	204	292	4	11	4	7	13	40	85	0
Chattanooga, TN–GA	19	36	1	3	0	1	5	10	16	0
Chicago, IL–IN–WI	604	1,011	47	82	17	34	47	86	278	0
Chicago Division	558	925	43	73	17	32	39	71	241	0
Gary Division	24	39	1	3	0	1	5	8	16	0
Lake Division	22	48	3	6	0	1	3	7	21	0
Cincinnati–Middletown, OH–KY–IN	113	164	1	3	3	6	9	15	47	0
Cleveland–Elyria–Mentor, OH	104	169	0	4	3	6	4	12	65	0
Colorado Springs, CO	21	28	0	1	2	3	2	3	6	0
Columbia, SC	104	142	0	10	2	4	5	27	57	1
Columbus, OH	159	258	1	4	8	12	11	18	92	0
Dallas, TX	767	995	12	29	23	36	43	79	200	1
Dallas Division	667	832	9	20	18	27	34	60	136	1
Fort Worth Division	100	162	3	9	5	9	9	19	64	0
Dayton, OH	62	75	1	2	1	2	3	5	9	0
Denver–Aurora, CO	201	241	9	12	26	30	22	25	23	0
Des Moines, IA	21	29	2	2	2	2	1	1	6	0
Detroit, MI	244	367	9	22	3	10	8	30	138	0
Detroit Division	160	239	6	15	1	6	8	23	91	0
Warren Division	84	128	3	7	2	4	0	6	47	0
Durham–Chapel Hill, NC	41	60	2	6	1	2	4	15	29	0
El Paso, TX	77	101	4	7	1	3	7	10	21	0
Fresno, CA	75	94	2	2	2	3	0	0	4	0
Grand Rapids–Wyoming, MI	21	29	0	1	0	0	1	3	9	0
Greensboro–High Point, NC	66	87	2	6	1	3	1	9	26	0
Greenville, SC	38	47	2	3	2	2	1	5	11	0
Harrisburg–Carlisle, PA	22	31	1	4	0	1	5	9	14	0
Hartford–West Hartford–East Hartford, CT	67	98	11	23	3	5	17	27	26	0

**Table 6a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	32	—	6	—	1	—	2	—	12	—
Houston–Baytown–Sugar Land, TX	616	928	16	47	18	35	92	155	325	2
Indianapolis, IN	131	177	6	9	4	7	19	25	39	0
Jackson, MS	62	104	0	5	4	7	4	22	54	0
Jacksonville, FL	154	175	10	12	6	7	56	63	9	0
Kansas City, MO–KS	156	185	2	3	7	10	7	10	17	0
Knoxville, TN	29	36	2	2	2	2	0	0	5	0
Lakeland, FL	43	56	2	3	0	1	22	26	12	0
Lancaster, PA	16	18	5	6	0	0	6	7	1	0
Las Vegas–Paradise, NV	249	284	15	17	16	18	5	7	10	1
Little Rock–North Little Rock, AR	35	69	2	4	2	5	0	7	38	0
Los Angeles, CA	1,575	2,589	33	75	57	102	15	68	415	1
Los Angeles Division	1,320	2,269	27	68	48	91	12	63	411	1
Santa Ana Division	255	320	6	7	9	11	3	4	4	0
Louisville, KY–IN	68	128	5	9	1	3	3	14	63	0
Madison, WI	20	29	0	0	2	3	0	1	9	0
McAllen–Edinburg–Pharr, TX	48	64	1	2	1	3	4	6	15	1
Memphis, TN–MS–AR	108	231	1	13	2	10	36	72	147	0
Miami, FL	1,184	1,481	47	79	25	35	374	493	278	1
Fort Lauderdale Division	434	562	23	37	15	20	92	139	126	0
Miami Division	638	774	20	34	9	13	212	267	118	1
West Palm Beach Division	112	145	4	8	1	2	70	87	34	0
Milwaukee–Waukesha–West Allis, WI	95	133	2	5	3	5	3	8	34	0
Minneapolis–St. Paul–Bloomington, MN–WI	169	236	3	6	10	13	9	18	56	0
Modesto, CA	12	16	1	1	0	0	1	2	2	0
Nashville–Davidson–Murfreesboro, TN	158	234	5	7	1	5	10	24	71	0
New Haven–Milford, CT	34	51	8	22	3	4	14	25	19	0
New Orleans–Metairie–Kenner, LA	152	244	16	26	8	15	17	41	108	1
New York, NY–NJ–PA	2,013	3,347	113	546	64	125	225	590	1,084	4
Edison Division	70	164	5	35	3	9	10	33	57	1
Nassau Division	120	204	9	28	7	11	13	31	54	0
New York–White Plains–Wayne Division	1,692	2,628	83	366	50	89	172	413	799	2
Newark Division	131	350	16	116	4	17	30	113	174	0
Ogden–Clearfield, UT	10	11	0	0	1	1	0	0	0	0
Oklahoma City, OK	67	98	3	5	13	16	5	9	28	0
Omaha–Council Bluffs, NE–IA	37	54	5	6	5	6	2	4	15	0
Orlando, FL	310	407	19	28	20	24	35	63	92	0
Oxnard–Thousand Oaks–Ventura, CA	25	34	1	1	0	0	0	0	3	0
Palm Bay–Melbourne–Titusville, FL	35	44	4	6	2	3	4	7	9	0
Philadelphia, PA–NJ–DE–MD	484	—	71	—	20	—	226	—	73	—
Camden Division	45	108	4	21	2	4	4	17	34	0
Philadelphia Division	393	448	61	73	17	19	207	233	25	0
Wilmington Division	46	—	6	—	1	—	15	—	14	—
Phoenix–Mesa–Scottsdale, AZ	300	361	20	23	33	38	15	21	43	0
Pittsburgh, PA	92	112	2	5	3	4	23	29	18	0
Portland–South Portland, ME	16	22	1	3	2	2	0	2	6	0
Portland–Vancouver–Beaverton, OR–WA	131	158	10	12	16	18	6	9	17	0
Poughkeepsie–Newburgh–Middletown, NY	20	32	6	11	2	3	14	21	8	0
Providence–New Bedford–Fall River, RI–MA	67	89	9	14	3	3	4	10	35	0

**Table 6a. Diagnoses of HIV infection among adult and adolescent males, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo-Orem, UT	4	4	0	0	1	1	0	0	0	0
Raleigh-Cary, NC	114	143	0	3	0	2	5	17	33	0
Richmond, VA	105	147	7	10	3	5	22	33	25	0
Riverside-San Bernardino-Ontario, CA	242	319	23	29	13	17	9	14	23	0
Rochester, NY	71	105	6	12	3	5	4	11	16	0
Sacramento-Arden-Arcade-Roseville, CA	106	140	10	12	7	10	33	41	9	0
St. Louis, MO-IL	202	294	8	13	5	9	7	17	74	0
Salt Lake City, UT	32	36	2	2	14	15	0	0	2	0
San Antonio, TX	159	207	15	20	12	15	7	12	40	0
San Diego-Carlsbad-San Marcos, CA	372	469	29	36	19	25	34	45	17	0
San Francisco, CA	553	729	37	47	88	108	30	44	76	0
Oakland Division	210	286	10	13	20	26	17	24	29	0
San Francisco Division	343	443	27	34	68	82	13	20	47	0
San Jose-Sunnyvale-Santa Clara, CA	89	128	6	8	8	10	4	9	16	0
San Juan-Caguas-Guaynabo, PR	138	267	69	148	9	20	74	146	63	0
Scranton-Wilkes-Barre, PA	11	12	2	2	1	1	9	10	0	0
Seattle, WA	267	328	10	14	17	21	9	15	43	0
Seattle Division	244	290	5	7	16	18	8	13	27	0
Tacoma Division	23	38	5	7	1	3	1	2	16	0
Springfield, MA	21	—	9	—	3	—	9	—	11	—
Stockton, CA	39	51	15	18	9	11	12	16	3	0
Syracuse, NY	26	38	2	5	1	1	3	7	7	0
Tampa-St. Petersburg-Clearwater, FL	317	404	18	25	7	11	32	50	72	1
Toledo, OH	17	24	0	0	0	0	3	4	7	0
Tucson, AZ	57	77	2	4	1	2	6	7	15	0
Tulsa, OK	46	59	1	2	9	11	0	2	13	0
Virginia Beach-Norfolk-Newport News, VA-NC	131	241	3	10	3	9	7	37	105	1
Washington, DC-VA-MD-WV	589	—	37	—	31	—	115	—	467	—
Bethesda Division	37	—	0	—	2	—	8	—	59	—
Washington Division	552	—	37	—	29	—	107	—	408	—
Wichita, KS	30	35	0	0	1	1	5	6	1	0
Worcester, MA	13	—	5	—	2	—	4	—	13	—
Youngstown-Warren-Boardman, OH-PA	9	23	2	5	0	1	2	5	20	0
Subtotal for MSAs (population ≥ 500,000)	16,898	23,559	1,010	1,972	800	1,145	2,099	3,477	6,863	21
Metropolitan areas (population of 50,000–499,999)	2,153	3,182	158	323	114	182	317	612	967	5
Nonmetropolitan areas	1,137	1,756	100	197	69	121	213	419	688	4
Total <sup>c</sup>	20,332	28,851	1,293	2,554	986	1,463	2,647	4,556	8,652	31

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 6b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	394	468	25	33	20	24	38	46	113	1
Albany–Schenectady–Troy, NY	659	777	284	352	99	113	98	133	187	10
Albuquerque, NM	744	786	72	79	109	118	43	50	86	1
Allentown–Bethlehem–Easton, PA–NJ	303	357	242	281	36	42	170	190	136	13
Atlanta–Sandy Springs–Marietta, GA	10,210	13,546	1,115	1,625	1,057	1,274	626	1,496	4,788	58
Augusta–Richmond County, GA–SC	608	818	134	200	57	80	111	214	410	11
Austin–Round Rock, TX	2,457	2,648	266	282	349	366	164	201	318	7
Bakersfield, CA	589	614	378	375	301	304	142	148	55	11
Baltimore–Towson, MD	3,488	—	4,202	—	657	—	1,279	—	1,927	—
Baton Rouge, LA	838	1,239	367	431	157	244	241	375	807	11
Birmingham–Hoover, AL	1,560	1,849	146	173	104	132	187	248	446	5
Boise City–Nampa, ID	212	241	31	34	44	47	13	16	41	2
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	4,024	—	1,333	—	387	—	473	—	1,398	—
Boston Division	2,622	—	765	—	243	—	291	—	783	—
Cambridge Division	907	—	345	—	91	—	120	—	410	—
Peabody Division	356	—	203	—	42	—	52	—	173	—
Bradenton–Sarasota–Venice, FL	683	752	88	99	55	60	162	193	145	5
Bridgeport–Stamford–Norwalk, CT	657	820	551	635	53	61	247	300	287	4
Buffalo–Niagara Falls, NY	817	935	291	342	113	126	128	155	139	9
Cape Coral–Fort Myers, FL	483	595	78	104	60	69	187	235	211	5
Charleston–North Charleston, SC	699	872	116	161	75	97	170	244	354	5
Charlotte–Gastonia–Concord, NC–SC	2,027	2,657	323	437	147	216	338	587	1,133	6
Chattanooga, TN–GA	527	596	58	69	39	44	42	65	121	11
Chicago, IL–IN–WI	13,713	15,599	2,445	2,619	1,535	1,638	1,154	1,385	2,739	82
Chicago Division	12,928	14,649	2,297	2,449	1,438	1,527	1,064	1,274	2,482	70
Gary Division	459	548	87	101	56	63	56	69	149	7
Lake Division	326	402	61	69	41	48	34	42	108	5
Cincinnati–Middletown, OH–KY–IN	1,587	1,887	104	132	103	121	158	192	438	12
Cleveland–Elyria–Mentor, OH	2,088	2,488	263	303	176	208	261	310	633	16
Colorado Springs, CO	423	477	33	39	62	72	13	16	81	4
Columbia, SC	1,290	1,594	176	251	100	140	375	526	621	6
Columbus, OH	2,227	2,777	134	175	124	164	243	297	768	19
Dallas, TX	11,106	12,131	789	889	913	1,005	654	860	1,747	34
Dallas Division	9,398	10,182	454	536	652	720	465	617	1,340	22
Fort Worth Division	1,708	1,949	335	353	261	285	189	243	407	13
Dayton, OH	686	765	32	43	37	44	57	67	145	11
Denver–Aurora, CO	5,635	5,969	383	410	780	825	273	297	498	21
Des Moines, IA	276	304	27	29	35	36	28	36	41	2
Detroit, MI	4,455	5,147	538	620	369	426	306	432	1,178	38
Detroit Division	3,066	3,573	462	528	279	326	260	367	894	18
Warren Division	1,389	1,574	76	92	90	100	46	65	284	20
Durham–Chapel Hill, NC	625	803	124	176	55	81	120	217	380	5
El Paso, TX	954	991	87	93	79	84	111	121	83	9
Fresno, CA	721	721	141	138	121	119	11	11	9	3
Grand Rapids–Wyoming, MI	422	483	23	30	40	42	36	52	100	4
Greensboro–High Point, NC	801	999	105	160	50	80	111	219	420	5
Greenville, SC	543	629	57	75	32	42	89	120	167	4
Harrisburg–Carlisle, PA	484	505	225	235	68	71	111	119	54	6
Hartford–West Hartford–East Hartford, CT	724	916	979	1,039	99	110	213	252	297	3

**Table 6b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	1,066	—	83	—	104	—	30	—	64	—
Houston–Baytown–Sugar Land, TX	9,124	10,448	1,135	1,242	1,093	1,192	1,874	2,082	2,142	23
Indianapolis, IN	2,314	2,487	168	190	228	239	230	261	313	8
Jackson, MS	968	1,364	82	163	83	140	175	323	731	8
Jacksonville, FL	2,173	2,181	351	345	281	275	755	750	62	4
Kansas City, MO–KS	2,737	2,981	152	170	344	356	107	143	366	21
Knoxville, TN	605	675	63	68	32	37	35	52	104	4
Lakeland, FL	457	522	98	116	62	67	277	313	146	4
Lancaster, PA	203	250	95	123	20	26	44	57	99	5
Las Vegas–Paradise, NV	3,386	3,595	312	327	380	414	162	182	340	6
Little Rock–North Little Rock, AR	929	989	89	93	90	97	96	107	119	4
Los Angeles, CA	30,959	34,531	1,409	1,717	2,835	3,115	793	1,113	4,559	100
Los Angeles Division	26,520	30,040	1,043	1,350	2,511	2,788	689	1,004	4,401	84
Santa Ana Division	4,439	4,491	366	367	324	327	104	109	158	16
Louisville, KY–IN	1,392	1,621	151	168	132	152	146	179	345	9
Madison, WI	319	360	21	24	38	42	20	29	73	7
McAllen–Edinburg–Pharr, TX	386	451	54	69	18	27	75	83	108	1
Memphis, TN–MS–AR	2,761	3,382	175	242	158	220	597	764	951	24
Miami, FL	19,186	21,342	1,938	2,299	1,378	1,511	6,645	7,607	4,168	65
Fort Lauderdale Division	6,466	7,311	518	646	455	516	1,795	2,217	1,623	24
Miami Division	10,639	11,718	1,139	1,322	732	787	3,250	3,681	2,043	32
West Palm Beach Division	2,081	2,312	281	331	191	208	1,600	1,709	502	9
Milwaukee–Waukesha–West Allis, WI	1,415	1,581	192	212	148	166	113	142	283	10
Minneapolis–St. Paul–Bloomington, MN–WI	2,950	3,416	188	219	301	330	140	257	719	21
Modesto, CA	258	272	42	43	46	47	21	23	30	6
Nashville–Davidson–Murfreesboro, TN	2,429	2,664	396	406	179	190	275	324	353	27
New Haven–Milford, CT	711	854	786	869	77	88	217	251	249	8
New Orleans–Metairie–Kenner, LA	2,713	3,564	408	538	415	549	328	513	1,524	33
New York, NY–NJ–PA	41,556	53,364	16,705	24,138	3,881	4,923	7,835	11,443	22,722	240
Edison Division	1,246	1,623	622	824	147	181	292	416	704	22
Nassau Division	1,813	2,407	602	836	223	263	246	374	819	30
New York–White Plains–Wayne Division	36,073	45,810	13,472	19,580	3,201	4,035	6,303	9,156	18,652	159
Newark Division	2,424	3,524	2,009	2,899	310	444	994	1,498	2,547	30
Ogden–Clearfield, UT	144	157	9	10	34	36	4	6	20	0
Oklahoma City, OK	1,210	1,349	120	126	233	246	83	109	250	9
Omaha–Council Bluffs, NE–IA	519	610	53	59	75	82	55	71	139	12
Orlando, FL	4,616	5,037	769	826	394	428	449	665	811	10
Oxnard–Thousand Oaks–Ventura, CA	494	528	37	39	46	48	33	36	55	9
Palm Bay–Melbourne–Titusville, FL	426	485	84	93	54	59	81	111	123	8
Philadelphia, PA–NJ–DE–MD	8,141	—	4,301	—	1,107	—	3,451	—	982	—
Camden Division	940	1,173	393	547	102	130	216	302	473	10
Philadelphia Division	6,518	6,720	3,448	3,467	888	891	2,986	2,998	439	26
Wilmington Division	683	—	460	—	117	—	249	—	70	—
Phoenix–Mesa–Scottsdale, AZ	5,459	5,886	627	657	741	785	246	274	618	30
Pittsburgh, PA	1,550	1,594	206	230	91	94	217	233	132	21
Portland–South Portland, ME	341	374	34	46	28	31	16	23	48	4
Portland–Vancouver–Beaverton, OR–WA	2,710	2,853	250	256	352	364	112	125	213	19
Poughkeepsie–Newburgh–Middletown, NY	420	556	636	763	114	131	189	231	265	6
Providence–New Bedford–Fall River, RI–MA	820	665	486	294	113	82	240	206	185	8

**Table 6b. Adult and adolescent males living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo-Orem, UT	66	69	8	9	16	16	3	4	10	4
Raleigh-Cary, NC	1,200	1,542	130	189	98	128	149	287	598	10
Richmond, VA	1,627	1,948	361	410	163	191	322	425	493	13
Riverside-San Bernardino-Ontario, CA	4,618	4,747	471	473	642	645	352	372	313	19
Rochester, NY	894	1,125	409	542	94	116	113	182	364	6
Sacramento-Arden-Arcade-Roseville, CA	1,765	1,799	219	219	329	327	291	294	66	12
St. Louis, MO-IL	3,671	4,036	216	251	252	283	263	311	618	37
Salt Lake City, UT	1,017	1,065	140	142	234	238	38	48	85	14
San Antonio, TX	2,574	2,904	273	305	196	233	173	212	509	9
San Diego-Carlsbad-San Marcos, CA	8,068	8,044	504	489	1,041	1,000	270	272	109	28
San Francisco, CA	15,620	15,988	1,244	1,225	2,743	2,741	664	703	556	40
Oakland Division	3,792	3,877	410	389	364	361	443	451	216	21
San Francisco Division	11,828	12,111	834	835	2,379	2,380	221	252	340	18
San Jose-Sunnyvale-Santa Clara, CA	1,839	1,955	142	145	211	221	127	140	177	15
San Juan-Caguas-Guaynabo, PR	2,176	2,369	3,612	3,744	583	587	1,524	1,652	523	15
Scranton-Wilkes-Barre, PA	169	196	87	97	25	28	75	84	58	5
Seattle, WA	5,212	5,533	313	330	724	745	278	332	496	27
Seattle Division	4,783	5,066	237	253	650	669	212	260	436	22
Tacoma Division	429	468	76	77	74	76	66	72	60	4
Springfield, MA	385	—	398	—	66	—	69	—	148	—
Stockton, CA	418	423	177	177	110	110	104	103	18	2
Syracuse, NY	403	477	108	135	42	47	61	80	94	8
Tampa-St. Petersburg-Clearwater, FL	4,725	5,064	558	591	465	481	780	879	632	17
Toledo, OH	448	464	38	41	38	40	64	66	45	4
Tucson, AZ	1,172	1,228	150	153	158	168	54	59	98	9
Tulsa, OK	824	873	72	74	144	151	48	62	107	3
Virginia Beach-Norfolk-Newport News, VA-NC	2,357	3,068	352	438	177	237	365	548	1,029	11
Washington, DC-VA-MD-WV	10,935	—	2,103	—	991	—	2,482	—	3,889	—
Bethesda Division	871	—	165	—	80	—	387	—	595	—
Washington Division	10,064	—	1,938	—	911	—	2,095	—	3,294	—
Wichita, KS	410	428	34	35	83	84	30	33	38	6
Worcester, MA	310	—	327	—	62	—	71	—	148	—
Youngstown-Warren-Boardman, OH-PA	197	284	55	73	19	29	50	62	143	2
Subtotal for MSAs (population $\geq$ 500,000)	311,686	332,267	61,971	64,649	34,108	35,181	44,169	50,028	79,276	1,586
Metropolitan areas (population of 50,000–499,999)	34,050	38,826	8,864	9,861	5,278	5,802	6,261	8,024	10,726	383
Nonmetropolitan areas	17,424	20,700	6,463	7,564	3,357	3,818	4,169	5,505	8,010	290
Total <sup>c</sup>	366,720	395,644	78,329	83,197	43,318	45,418	55,197	64,266	99,159	2,298

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 7a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	0	1	4	8	4	0
Albany–Schenectady–Troy, NY	1	4	11	25	10	0
Albuquerque, NM	1	2	2	6	4	0
Allentown–Bethlehem–Easton, PA–NJ	2	4	6	13	6	0
Atlanta–Sandy Springs–Marietta, GA	3	42	15	278	216	0
Augusta–Richmond County, GA–SC	2	5	4	31	20	0
Austin–Round Rock, TX	5	8	17	31	14	0
Bakersfield, CA	5	8	5	11	5	0
Baltimore–Towson, MD	23	—	70	—	189	—
Baton Rouge, LA	11	20	36	95	59	0
Birmingham–Hoover, AL	3	8	10	56	45	0
Boise City–Nampa, ID	1	1	2	4	2	0
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	9	—	31	—	81	—
Boston Division	4	—	14	—	46	—
Cambridge Division	4	—	6	—	25	—
Peabody Division	1	—	9	—	9	—
Bradenton–Sarasota–Venice, FL	1	2	12	19	6	0
Bridgeport–Stamford–Norwalk, CT	2	7	23	47	15	0
Buffalo–Niagara Falls, NY	4	7	31	48	7	0
Cape Coral–Fort Myers, FL	2	2	28	31	1	0
Charleston–North Charleston, SC	0	2	10	28	18	0
Charlotte–Gastonia–Concord, NC–SC	3	11	39	96	56	0
Chattanooga, TN–GA	0	1	1	15	13	0
Chicago, IL–IN–WI	14	40	77	212	121	2
Chicago Division	13	38	69	190	108	2
Gary Division	1	2	5	9	4	0
Lake Division	0	1	3	13	9	0
Cincinnati–Middletown, OH–KY–IN	4	9	16	49	33	0
Cleveland–Elyria–Mentor, OH	5	8	8	31	24	0
Colorado Springs, CO	0	0	3	4	1	0
Columbia, SC	0	2	13	42	28	0
Columbus, OH	4	7	16	41	25	0
Dallas, TX	16	37	147	278	126	0
Dallas Division	9	25	118	219	98	0
Fort Worth Division	7	12	29	59	28	0
Dayton, OH	0	1	5	14	9	0
Denver–Aurora, CO	2	3	32	42	7	0
Des Moines, IA	0	0	5	7	2	0
Detroit, MI	19	31	11	83	76	0
Detroit Division	17	27	8	64	59	0
Warren Division	2	4	3	19	17	0
Durham–Chapel Hill, NC	0	2	9	33	23	0
EI Paso, TX	0	1	3	11	8	0
Fresno, CA	2	2	12	15	0	0
Grand Rapids–Wyoming, MI	0	0	5	8	3	0
Greensboro–High Point, NC	0	4	5	31	27	0
Greenville, SC	0	2	3	12	10	0
Harrisburg–Carlisle, PA	0	2	5	10	6	0
Hartford–West Hartford–East Hartford, CT	9	18	12	36	19	0

**Table 7a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	1	—	3	—	4	—
Houston–Baytown–Sugar Land, TX	24	56	139	331	195	0
Indianapolis, IN	3	6	27	46	18	0
Jackson, MS	2	6	4	41	37	0
Jacksonville, FL	5	6	109	124	6	0
Kansas City, MO–KS	3	5	17	32	14	0
Knoxville, TN	0	0	4	8	4	0
Lakeland, FL	4	6	22	30	7	0
Lancaster, PA	2	3	10	17	6	0
Las Vegas–Paradise, NV	2	3	49	57	5	0
Little Rock–North Little Rock, AR	1	3	2	10	9	0
Los Angeles, CA	10	49	63	276	167	1
Los Angeles Division	6	44	48	258	167	1
Santa Ana Division	4	5	15	18	0	0
Louisville, KY–IN	2	5	5	27	23	0
Madison, WI	0	0	3	5	2	0
McAllen–Edinburg–Pharr, TX	0	1	10	17	6	0
Memphis, TN–MS–AR	1	6	52	105	48	0
Miami, FL	22	38	451	621	133	0
Fort Lauderdale Division	10	18	114	197	73	0
Miami Division	11	17	250	307	36	0
West Palm Beach Division	1	4	87	117	24	0
Milwaukee–Waukesha–West Allis, WI	2	4	9	26	17	0
Minneapolis–St. Paul–Bloomington, MN–WI	3	6	22	60	35	1
Modesto, CA	0	0	0	1	1	0
Nashville–Davidson–Murfreesboro, TN	5	7	23	50	25	0
New Haven–Milford, CT	5	9	11	25	10	0
New Orleans–Metairie–Kenner, LA	5	13	45	97	53	0
New York, NY–NJ–PA	52	266	343	1,262	775	2
Edison Division	2	12	10	46	23	0
Nassau Division	1	7	24	63	28	0
New York–White Plains—Wayne Division	43	197	278	948	604	1
Newark Division	6	49	31	205	120	0
Ogden–Clearfield, UT	0	0	1	1	0	0
Oklahoma City, OK	2	4	11	25	14	0
Omaha–Council Bluffs, NE–IA	0	1	8	18	9	0
Orlando, FL	12	21	73	138	61	0
Oxnard–Thousand Oaks–Ventura, CA	1	2	4	6	1	0
Palm Bay–Melbourne–Titusville, FL	0	2	7	21	14	0
Philadelphia, PA–NJ–DE–MD	39	—	236	—	43	—
Camden Division	8	21	7	33	18	0
Philadelphia Division	29	37	211	244	18	0
Wilmington Division	2	—	18	—	7	—
Phoenix–Mesa–Scottsdale, AZ	7	11	19	34	16	0
Pittsburgh, PA	2	3	7	13	6	0
Portland–South Portland, ME	0	0	1	6	4	0
Portland–Vancouver–Beaverton, OR–WA	1	3	9	17	8	0
Poughkeepsie–Newburgh–Middletown, NY	4	6	15	21	1	0
Providence–New Bedford–Fall River, RI–MA	3	5	15	26	15	0

**Table 7a. Diagnoses of HIV infection among adult and adolescent females, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo—Orem, UT	0	0	1	1	0	0
Raleigh—Cary, NC	2	6	9	35	27	0
Richmond, VA	4	7	41	59	10	0
Riverside—San Bernardino—Ontario, CA	10	16	29	52	17	0
Rochester, NY	1	6	5	18	12	0
Sacramento—Arden-Arcade—Roseville, CA	6	8	14	24	6	0
St. Louis, MO—IL	6	15	27	81	51	0
Salt Lake City, UT	0	1	2	7	5	0
San Antonio, TX	12	14	17	28	11	0
San Diego—Carlsbad—San Marcos, CA	5	6	35	48	4	0
San Francisco, CA	15	23	43	83	31	1
Oakland Division	4	9	18	43	20	0
San Francisco Division	11	14	25	40	11	1
San Jose—Sunnyvale—Santa Clara, CA	2	3	10	22	9	0
San Juan—Caguas—Guaynabo, PR	9	20	89	177	24	0
Scranton—Wilkes-Barre, PA	0	1	6	9	1	0
Seattle, WA	6	11	19	48	30	0
Seattle Division	6	10	15	36	21	0
Tacoma Division	0	1	4	13	9	0
Springfield, MA	5	—	7	—	7	—
Stockton, CA	2	2	7	9	0	0
Syracuse, NY	0	0	7	13	3	0
Tampa—St. Petersburg—Clearwater, FL	15	21	82	124	35	0
Toledo, OH	0	1	6	9	2	0
Tucson, AZ	3	3	11	13	1	0
Tulsa, OK	3	4	3	7	4	0
Virginia Beach—Norfolk—Newport News, VA—NC	4	9	28	92	54	0
Washington, DC—VA—MD—WV	22	—	152	—	302	—
Bethesda Division	1	—	11	—	50	—
Washington Division	21	—	141	—	252	—
Wichita, KS	1	1	11	12	0	0
Worcester, MA	1	—	8	—	15	—
Youngstown—Warren—Boardman, OH—PA	0	0	2	4	2	0
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>512</b>	<b>1,097</b>	<b>3,244</b>	<b>6,651</b>	<b>3,774</b>	<b>11</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>90</b>	<b>180</b>	<b>523</b>	<b>1,190</b>	<b>558</b>	<b>3</b>
<b>Nonmetropolitan areas</b>	<b>61</b>	<b>116</b>	<b>278</b>	<b>657</b>	<b>345</b>	<b>1</b>
<b>Total<sup>c</sup></b>	<b>670</b>	<b>1,409</b>	<b>4,069</b>	<b>8,596</b>	<b>4,729</b>	<b>16</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 7b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	15	24	82	113	45	0
Albany–Schenectady–Troy, NY	147	208	298	462	198	4
Albuquerque, NM	27	30	76	96	27	2
Allentown–Bethlehem–Easton, PA–NJ	127	158	260	342	117	2
Atlanta–Sandy Springs–Marietta, GA	589	1,222	1,329	3,749	3,049	41
Augusta–Richmond County, GA–SC	75	144	200	494	364	3
Austin–Round Rock, TX	144	175	318	450	177	3
Bakersfield, CA	51	50	92	101	15	3
Baltimore–Towson, MD	2,518	—	2,572	—	1,384	—
Baton Rouge, LA	218	322	527	1,098	749	10
Birmingham–Hoover, AL	80	131	443	744	368	4
Boise City–Nampa, ID	18	21	23	36	17	1
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	652	—	1,042	—	1,139	—
Boston Division	344	—	579	—	599	—
Cambridge Division	184	—	279	—	368	—
Peabody Division	110	—	150	—	157	—
Bradenton–Sarasota–Venice, FL	78	90	302	366	83	2
Bridgeport–Stamford–Norwalk, CT	301	360	416	564	196	4
Buffalo–Niagara Falls, NY	141	170	396	493	88	1
Cape Coral–Fort Myers, FL	72	94	323	428	136	3
Charleston–North Charleston, SC	70	102	335	481	190	4
Charlotte–Gastonia–Concord, NC–SC	167	323	629	1,336	905	7
Chattanooga, TN–GA	28	39	137	233	110	1
Chicago, IL–IN–WI	1,479	1,811	2,892	4,045	1,614	33
Chicago Division	1,407	1,703	2,690	3,740	1,465	29
Gary Division	42	65	120	177	88	1
Lake Division	30	42	82	128	61	3
Cincinnati–Middletown, OH–KY–IN	61	98	316	473	206	3
Cleveland–Elyria–Mentor, OH	124	166	502	686	252	4
Colorado Springs, CO	34	44	45	65	32	1
Columbia, SC	95	142	621	849	297	2
Columbus, OH	99	149	399	628	299	7
Dallas, TX	602	849	1,853	2,834	1,322	33
Dallas Division	362	565	1,475	2,227	1,017	19
Fort Worth Division	240	285	378	607	305	15
Dayton, OH	31	40	163	216	70	3
Denver–Aurora, CO	187	236	463	565	164	11
Des Moines, IA	8	11	49	75	31	1
Detroit, MI	491	642	818	1,451	879	18
Detroit Division	432	552	673	1,167	695	12
Warren Division	59	90	145	284	184	6
Durham–Chapel Hill, NC	68	109	195	414	273	5
El Paso, TX	32	36	133	155	32	3
Fresno, CA	116	116	140	145	10	2
Grand Rapids–Wyoming, MI	20	26	101	161	68	0
Greensboro–High Point, NC	43	110	174	469	377	3
Greenville, SC	27	38	199	250	70	1
Harrisburg–Carlisle, PA	86	90	225	238	18	0
Hartford–West Hartford–East Hartford, CT	474	540	496	624	182	0

**Table 7b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	48	—	107	—	58	—
Houston–Baytown–Sugar Land, TX	916	1,104	3,369	4,279	1,241	19
Indianapolis, IN	95	120	458	563	150	8
Jackson, MS	79	147	332	769	528	5
Jacksonville, FL	332	326	1,662	1,664	32	6
Kansas City, MO–KS	113	133	404	545	163	1
Knoxville, TN	34	40	106	154	55	1
Lakeland, FL	99	111	405	467	86	4
Lancaster, PA	58	82	109	163	80	0
Las Vegas–Paradise, NV	163	196	594	707	164	6
Little Rock–North Little Rock, AR	45	53	240	267	45	1
Los Angeles, CA	847	1,220	2,614	4,034	1,905	99
Los Angeles Division	661	1,031	2,067	3,460	1,852	88
Santa Ana Division	186	189	547	574	53	10
Louisville, KY–IN	89	111	291	416	157	2
Madison, WI	18	23	67	96	37	1
McAllen–Edinburg–Pharr, TX	19	23	113	141	35	1
Memphis, TN–MS–AR	127	201	1,498	1,981	562	4
Miami, FL	1,561	1,860	11,027	12,604	2,187	70
Fort Lauderdale Division	481	636	3,256	4,068	1,054	20
Miami Division	776	880	5,490	6,073	843	31
West Palm Beach Division	304	344	2,281	2,463	290	19
Milwaukee–Waukesha–West Allis, WI	117	145	345	455	148	2
Minneapolis–St. Paul–Bloomington, MN–WI	104	164	509	1,050	624	11
Modesto, CA	37	38	50	55	13	7
Nashville–Davidson–Murfreesboro, TN	244	257	664	775	135	7
New Haven–Milford, CT	435	488	504	627	162	2
New Orleans–Metairie–Kenner, LA	296	489	847	1,570	1,007	30
New York, NY–NJ–PA	9,496	15,035	16,529	28,152	16,933	286
Edison Division	436	575	741	1,089	487	16
Nassau Division	357	559	845	1,336	624	22
New York–White Plains–Wayne Division	7,298	11,922	13,032	22,401	13,855	216
Newark Division	1,405	1,978	1,911	3,326	1,967	32
Ogden–Clearfield, UT	7	8	19	24	7	0
Oklahoma City, OK	79	99	168	250	114	7
Omaha–Council Bluffs, NE–IA	43	52	135	244	121	3
Orlando, FL	368	416	1,525	1,873	439	12
Oxnard–Thousand Oaks–Ventura, CA	28	32	79	87	15	2
Palm Bay–Melbourne–Titusville, FL	67	80	231	298	93	7
Philadelphia, PA–NJ–DE–MD	2,228	—	4,742	—	559	—
Camden Division	149	226	321	510	262	7
Philadelphia Division	1,796	1,823	3,906	4,063	269	7
Wilmington Division	283	—	515	—	28	—
Phoenix–Mesa–Scottsdale, AZ	300	350	618	776	225	11
Pittsburgh, PA	91	107	390	445	82	5
Portland–South Portland, ME	22	31	38	65	34	1
Portland–Vancouver–Beaverton, OR–WA	100	110	284	333	67	4
Poughkeepsie–Newburgh–Middletown, NY	157	182	298	369	77	5
Providence–New Bedford–Fall River, RI–MA	311	183	387	325	138	2

**Table 7b. Adult and adolescent females living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo–Orem, UT	1	2	13	15	3	0
Raleigh–Cary, NC	95	180	268	593	426	7
Richmond, VA	169	221	571	852	333	6
Riverside–San Bernardino–Ontario, CA	258	286	604	726	195	18
Rochester, NY	316	443	288	610	412	5
Sacramento–Arden–Arcade–Roseville, CA	141	144	381	403	35	6
St. Louis, MO–IL	116	165	737	977	314	3
Salt Lake City, UT	81	89	120	167	59	2
San Antonio, TX	118	159	350	509	217	6
San Diego–Carlsbad–San Marcos, CA	273	274	743	764	45	7
San Francisco, CA	813	839	1,230	1,405	284	41
Oakland Division	295	303	782	863	144	19
San Francisco Division	518	536	448	543	140	23
San Jose–Sunnyvale–Santa Clara, CA	52	65	233	306	98	12
San Juan–Caguas–Guaynabo, PR	1,070	1,096	2,584	2,829	270	6
Scranton–Wilkes-Barre, PA	40	55	74	101	42	0
Seattle, WA	186	238	483	719	319	26
Seattle Division	121	165	369	578	278	21
Tacoma Division	65	73	114	141	41	5
Springfield, MA	212	—	240	—	163	—
Stockton, CA	70	71	134	142	11	0
Syracuse, NY	69	83	206	255	48	0
Tampa–St. Petersburg–Clearwater, FL	451	512	1,717	2,052	446	12
Toledo, OH	24	31	196	221	38	2
Tucson, AZ	72	77	122	150	43	7
Tulsa, OK	47	53	118	150	44	3
Virginia Beach–Norfolk–Newport News, VA–NC	235	334	757	1,304	652	14
Washington, DC–VA–MD–WV	1,470	—	4,401	—	2,899	—
Bethesda Division	83	—	728	—	471	—
Washington Division	1,387	—	3,673	—	2,428	—
Wichita, KS	29	29	102	111	9	0
Worcester, MA	179	—	193	—	145	—
Youngstown–Warren–Boardman, OH–PA	15	27	84	126	61	2
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>35,370</b>	<b>40,453</b>	<b>88,291</b>	<b>112,614</b>	<b>51,642</b>	<b>1,059</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>4,143</b>	<b>5,134</b>	<b>12,422</b>	<b>17,199</b>	<b>6,454</b>	<b>162</b>
<b>Nonmetropolitan areas</b>	<b>2,427</b>	<b>3,070</b>	<b>7,204</b>	<b>10,461</b>	<b>4,479</b>	<b>119</b>
<b>Total<sup>c</sup></b>	<b>42,367</b>	<b>49,150</b>	<b>108,840</b>	<b>141,518</b>	<b>63,149</b>	<b>1,358</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 8a. Diagnoses of HIV infection among black/African American adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	6	8	—	—	—	—	—	—	5	—
Albany–Schenectady–Troy, NY	7	12	—	8	—	—	11	27	16	—
Albuquerque, NM	—	—	—	—	—	—	—	—	—	—
Allentown–Bethlehem–Easton, PA–NJ	—	—	—	—	—	—	—	—	—	—
Atlanta–Sandy Springs–Marietta, GA	281	772	5	90	—	19	20	386	605	—
Augusta–Richmond County, GA–SC	16	42	—	7	—	—	9	43	41	—
Austin–Round Rock, TX	22	30	5	7	—	—	12	19	12	—
Bakersfield, CA	—	10	6	9	—	—	6	10	7	—
Baltimore–Towson, MD	63	—	41	—	7	—	86	—	451	—
Baton Rouge, LA	66	113	15	34	—	8	57	133	127	—
Birmingham–Hoover, AL	65	104	—	8	—	—	17	63	79	—
Boise City–Nampa, ID	—	—	—	—	—	—	—	—	—	—
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	26	—	7	—	—	—	19	—	87	—
Boston Division	18	—	5	—	—	—	14	—	50	—
Cambridge Division	7	—	—	—	—	—	—	—	27	—
Peabody Division	—	—	—	—	—	—	—	—	10	—
Bradenton–Sarasota–Venice, FL	14	17	—	—	—	—	14	22	9	—
Bridgeport–Stamford–Norwalk, CT	11	18	—	11	—	—	19	40	19	—
Buffalo–Niagara Falls, NY	18	28	—	—	—	5	30	44	9	—
Cape Coral–Fort Myers, FL	9	10	—	—	—	—	32	36	—	—
Charleston–North Charleston, SC	52	63	—	—	—	—	13	36	30	—
Charlotte–Gastonia–Concord, NC–SC	143	199	—	15	—	—	41	115	107	—
Chattanooga, TN–GA	5	10	—	—	—	—	—	13	15	—
Chicago, IL–IN–WI	253	453	34	75	—	13	81	211	244	—
Chicago Division	236	413	33	69	—	12	74	188	210	—
Gary Division	11	20	—	—	—	—	7	12	14	—
Lake Division	6	20	—	—	—	—	—	10	20	—
Cincinnati–Middletown, OH–KY–IN	59	83	—	—	—	—	18	45	46	—
Cleveland–Elyria–Mentor, OH	53	89	—	8	—	—	10	32	56	—
Colorado Springs, CO	—	6	—	—	—	—	—	—	—	—
Columbia, SC	71	98	—	10	—	—	16	60	68	—
Columbus, OH	58	94	—	7	5	8	15	38	55	—
Dallas, TX	283	386	9	35	—	10	133	257	202	—
Dallas Division	246	324	8	28	—	7	107	207	158	—
Fort Worth Division	37	63	—	6	—	—	26	50	44	—
Dayton, OH	34	41	—	—	—	—	6	16	13	—
Denver–Aurora, CO	33	40	—	—	—	—	30	33	—	—
Des Moines, IA	—	—	—	—	—	—	—	5	—	—
Detroit, MI	146	234	20	42	—	7	16	99	173	—
Detroit Division	125	192	18	36	—	5	15	80	134	—
Warren Division	21	42	—	6	—	—	—	19	39	—
Durham–Chapel Hill, NC	21	31	—	6	—	—	7	31	33	—
El Paso, TX	—	6	—	—	—	—	—	—	—	—
Fresno, CA	8	11	—	—	—	—	5	6	—	—
Grand Rapids–Wyoming, MI	—	—	—	—	—	—	—	5	6	—
Greensboro–High Point, NC	47	60	—	7	—	—	6	34	40	—
Greenville, SC	21	26	—	—	—	—	—	10	13	—
Harrisburg–Carlisle, PA	5	8	—	—	—	—	6	12	10	—
Hartford–West Hartford–East Hartford, CT	15	24	6	15	—	—	12	33	22	—

**Table 8a. Diagnoses of HIV infection among black/African American adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	—	—	—	—	—	—	—	—	—	—
Houston–Baytown–Sugar Land, TX	247	396	17	58	6	16	153	337	320	—
Indianapolis, IN	71	94	4	9	—	—	25	46	37	—
Jackson, MS	53	88	—	10	—	5	7	57	81	—
Jacksonville, FL	82	95	5	7	—	—	125	141	11	—
Kansas City, MO–KS	53	68	—	5	—	—	15	31	25	—
Knoxville, TN	—	—	—	—	—	—	—	—	—	—
Lakeland, FL	21	24	—	—	—	—	34	41	5	—
Lancaster, PA	—	—	—	—	—	—	—	6	—	—
Las Vegas–Paradise, NV	55	62	6	7	5	6	27	33	6	—
Little Rock–North Little Rock, AR	19	28	—	—	—	—	—	11	20	—
Los Angeles, CA	293	534	11	43	7	20	25	131	198	—
Los Angeles Division	282	521	9	41	7	20	21	126	198	—
Santa Ana Division	11	14	—	—	—	—	—	5	—	—
Louisville, KY–IN	34	60	—	9	—	—	5	25	44	—
Madison, WI	—	—	—	—	—	—	—	6	—	—
McAllen–Edinburg–Pharr, TX	—	—	—	—	—	—	—	—	—	—
Memphis, TN–MS–AR	86	189	—	16	—	8	76	160	175	—
Miami, FL	309	412	50	84	5	9	622	831	242	—
Fort Lauderdale Division	116	164	25	40	—	—	170	265	123	—
Miami Division	155	197	22	35	—	5	328	408	84	—
West Palm Beach Division	38	51	—	8	—	—	124	158	35	—
Milwaukee–Waukesha–West Allis, WI	52	74	—	—	—	—	6	23	34	—
Minneapolis–St. Paul–Bloomington, MN–WI	42	67	—	5	—	—	17	53	50	—
Modesto, CA	—	—	—	—	—	—	—	—	—	—
Nashville–Davidson–Murfreesboro, TN	72	112	7	10	—	—	21	50	59	—
New Haven–Milford, CT	12	17	—	12	—	—	15	28	14	—
New Orleans–Metairie–Kenner, LA	88	151	14	29	—	8	57	126	131	—
New York, NY–NJ–PA	724	1,231	69	451	21	47	320	1,163	1,075	—
Edison Division	23	45	—	22	—	6	5	34	33	—
Nassau Division	25	42	—	15	—	—	20	49	31	—
New York–White Plains–Wayne Division	605	966	50	303	14	30	252	841	816	—
Newark Division	71	179	13	110	—	10	43	238	195	—
Ogden–Clearfield, UT	—	—	—	—	—	—	—	—	—	—
Oklahoma City, OK	22	30	—	—	—	—	8	23	21	—
Omaha–Council Bluffs, NE–IA	9	14	—	—	—	—	5	13	12	—
Orlando, FL	91	123	18	30	5	7	61	125	86	—
Oxnard–Thousand Oaks–Ventura, CA	—	—	—	—	—	—	—	—	—	—
Palm Bay–Melbourne–Titusville, FL	9	12	—	—	—	—	6	17	14	—
Philadelphia, PA–NJ–DE–MD	266	—	54	—	8	—	322	—	67	—
Camden Division	16	38	—	18	—	—	5	31	28	—
Philadelphia Division	221	250	46	57	8	9	289	330	28	—
Wilmington Division	29	—	6	—	—	—	28	—	11	—
Phoenix–Mesa–Scottsdale, AZ	18	26	—	—	—	—	8	15	14	—
Pittsburgh, PA	45	54	—	—	—	—	14	21	12	—
Portland–South Portland, ME	—	—	—	—	—	—	—	7	8	—
Portland–Vancouver–Beaverton, OR–WA	5	7	—	—	—	—	—	5	—	—
Poughkeepsie–Newburgh–Middletown, NY	7	12	—	7	—	—	16	23	—	—
Providence–New Bedford–Fall River, RI–MA	10	12	—	—	—	—	7	15	15	—

**Table 8a. Diagnoses of HIV infection among black/African American adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo–Orem, UT	—	—	—	—	—	—	—	—	—	—
Raleigh–Cary, NC	56	73	—	7	—	—	9	38	44	—
Richmond, VA	70	98	11	16	—	—	57	82	26	—
Riverside–San Bernardino–Ontario, CA	38	52	11	16	—	—	8	21	17	—
Rochester, NY	38	53	—	10	—	—	7	21	15	—
Sacramento–Arden–Arcade–Roseville, CA	27	35	—	—	—	—	22	30	—	—
St. Louis, MO–IL	116	177	9	20	—	5	25	79	96	—
Salt Lake City, UT	—	—	—	—	—	—	—	—	—	—
San Antonio, TX	12	21	8	10	—	—	9	16	15	—
San Diego–Carlsbad–San Marcos, CA	39	53	7	9	—	—	11	16	6	—
San Francisco, CA	113	153	25	34	10	13	32	58	35	—
Oakland Division	79	109	8	13	6	8	18	37	25	—
San Francisco Division	34	45	17	21	—	5	14	21	10	—
San Jose–Sunnyvale–Santa Clara, CA	—	—	—	—	—	—	—	11	5	—
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	—	—	—	—	—	—	7	10	—	—
Seattle, WA	25	33	—	—	—	—	11	31	26	—
Seattle Division	18	24	—	—	—	—	8	23	20	—
Tacoma Division	7	9	—	—	—	—	—	8	6	—
Springfield, MA	—	—	—	—	—	—	—	—	5	—
Stockton, CA	7	9	—	—	—	—	6	9	—	—
Syracuse, NY	6	10	—	—	—	—	8	13	5	—
Tampa–St. Petersburg–Clearwater, FL	81	107	11	18	—	—	60	98	51	—
Toledo, OH	7	9	—	—	—	—	5	7	—	—
Tucson, AZ	—	—	—	—	—	—	—	—	—	—
Tulsa, OK	11	14	—	—	—	—	—	6	6	—
Virginia Beach–Norfolk–Newport News, VA–NC	98	169	6	15	—	8	27	110	120	—
Washington, DC–VA–MD–WV	333	—	49	—	14	—	240	—	629	—
Bethesda Division	14	—	—	—	—	—	18	—	77	—
Washington Division	319	—	49	—	14	—	222	—	552	—
Wichita, KS	6	7	—	—	—	—	10	11	—	—
Worcester, MA	—	—	—	—	—	—	7	—	16	—
Youngstown–Warren–Boardman, OH–PA	7	15	—	—	—	—	—	6	14	—
Subtotal for MSAs (population ≥500,000)	5,845	8,535	616	1,504	166	316	3,345	6,540	6,562	11
Metropolitan areas (population of 50,000–499,999)	830	1,272	96	240	24	59	488	1,130	897	—
Nonmetropolitan areas	461	726	49	135	14	36	259	641	569	—
Total <sup>d</sup>	7,208	10,708	767	1,904	205	417	4,111	8,388	8,134	15

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 8b. Diagnoses of HIV infection among Hispanic/Latino adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	—	—	—	—	—	—	—	—	—	—
Albany–Schenectady–Troy, NY	—	6	—	—	—	—	—	—	—	—
Albuquerque, NM	29	36	—	—	—	—	—	—	6	—
Allentown–Bethlehem–Easton, PA–NJ	8	10	—	—	—	—	8	11	—	—
Atlanta–Sandy Springs–Marietta, GA	28	78	—	6	—	—	—	15	46	—
Augusta–Richmond County, GA–SC	—	—	—	—	—	—	—	—	—	—
Austin–Round Rock, TX	45	56	5	7	—	—	8	14	14	—
Bakersfield, CA	13	24	16	22	—	—	6	12	14	—
Baltimore–Towson, MD	—	—	—	—	—	—	—	—	14	—
Baton Rouge, LA	—	—	—	—	—	—	—	—	—	—
Birmingham–Hoover, AL	—	—	—	—	—	—	—	—	—	—
Boise City–Nampa, ID	—	—	—	—	—	—	—	—	—	—
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	26	—	16	—	—	—	17	—	57	—
Boston Division	14	—	6	—	—	—	6	—	30	—
Cambridge Division	9	—	6	—	—	—	—	—	14	—
Peabody Division	—	—	—	—	—	—	8	—	13	—
Bradenton–Sarasota–Venice, FL	—	—	—	—	—	—	—	—	—	—
Bridgeport–Stamford–Norwalk, CT	14	24	—	8	—	—	—	10	12	—
Buffalo–Niagara Falls, NY	6	8	—	6	—	—	—	—	—	—
Cape Coral–Fort Myers, FL	—	5	—	—	—	—	7	9	—	—
Charleston–North Charleston, SC	—	—	—	—	—	—	—	—	6	—
Charlotte–Gastonia–Concord, NC–SC	10	17	—	—	—	—	5	9	10	—
Chattanooga, TN–GA	—	—	—	—	—	—	—	6	—	—
Chicago, IL–IN–WI	101	186	14	26	6	9	26	48	75	—
Chicago Division	91	170	13	24	6	9	20	40	71	—
Gary Division	—	—	—	—	—	—	—	—	—	—
Lake Division	9	16	—	—	—	—	5	7	—	—
Cincinnati–Middletown, OH–KY–IN	—	—	—	—	—	—	—	—	—	—
Cleveland–Elyria–Mentor, OH	9	10	—	—	—	—	—	8	7	—
Colorado Springs, CO	—	5	—	—	—	—	—	—	—	—
Columbia, SC	—	5	—	—	—	—	—	—	—	—
Columbus, OH	8	11	—	—	—	—	—	—	—	—
Dallas, TX	201	253	6	11	—	6	30	49	52	—
Dallas Division	176	214	—	7	—	5	29	44	37	—
Fort Worth Division	25	39	—	—	—	—	—	5	15	—
Dayton, OH	—	—	—	—	—	—	—	—	—	—
Denver–Aurora, CO	37	46	—	5	8	9	11	16	10	—
Des Moines, IA	—	—	—	—	—	—	—	—	—	—
Detroit, MI	13	19	—	—	—	—	—	—	9	—
Detroit Division	6	8	—	—	—	—	—	—	—	—
Warren Division	7	11	—	—	—	—	—	—	5	—
Durham–Chapel Hill, NC	—	7	—	—	—	—	—	10	11	—
El Paso, TX	70	86	—	7	—	—	8	18	20	—
Fresno, CA	30	37	—	—	—	—	—	—	—	—
Grand Rapids–Wyoming, MI	6	8	—	—	—	—	—	—	—	—
Greensboro–High Point, NC	—	5	—	—	—	—	—	—	—	—
Greenville, SC	—	—	—	—	—	—	—	—	—	—
Harrisburg–Carlisle, PA	—	5	—	—	—	—	—	—	—	—
Hartford–West Hartford–East Hartford, CT	11	15	10	17	—	—	13	22	9	—

**Table 8b. Diagnoses of HIV infection among Hispanic/Latino adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	—	—	—	—	—	—	—	—	—	—
Houston–Baytown–Sugar Land, TX	201	302	—	17	—	7	58	97	120	—
Indianapolis, IN	5	8	—	—	—	—	12	13	—	—
Jackson, MS	—	—	—	—	—	—	—	—	—	—
Jacksonville, FL	7	8	—	—	—	—	11	12	—	—
Kansas City, MO–KS	11	13	—	—	—	—	—	—	—	—
Knoxville, TN	—	—	—	—	—	—	—	—	—	—
Lakeland, FL	—	5	—	—	—	—	—	6	—	—
Lancaster, PA	—	—	—	—	—	—	9	10	—	—
Las Vegas–Paradise, NV	82	93	—	—	—	—	8	9	—	—
Little Rock–North Little Rock, AR	—	—	—	—	—	—	—	—	—	—
Los Angeles, CA	684	1,139	14	47	16	34	33	152	269	—
Los Angeles Division	564	990	11	43	13	30	28	146	267	—
Santa Ana Division	120	149	—	—	—	—	5	6	—	—
Louisville, KY–IN	—	7	—	—	—	—	—	—	6	—
Madison, WI	—	—	—	—	—	—	—	—	—	—
McAllen–Edinburg–Pharr, TX	44	55	—	—	—	—	14	23	16	—
Memphis, TN–MS–AR	—	9	—	—	—	—	6	7	5	—
Miami, FL	481	579	8	19	10	14	157	216	104	—
Fort Lauderdale Division	85	106	—	—	6	8	20	45	38	—
Miami Division	370	442	8	14	—	6	118	147	58	—
West Palm Beach Division	26	32	—	—	—	—	19	24	8	—
Milwaukee–Waukesha–West Allis, WI	7	11	—	—	—	—	—	—	5	—
Minneapolis–St. Paul–Bloomington, MN–WI	20	27	—	—	—	—	—	—	6	—
Modesto, CA	7	9	—	—	—	—	—	—	—	—
Nashville–Davidson–Murfreesboro, TN	12	21	—	—	—	—	—	6	9	—
New Haven–Milford, CT	—	6	5	10	—	—	7	13	6	—
New Orleans–Metairie–Kenner, LA	—	10	—	—	—	—	—	—	9	—
New York, NY–NJ–PA	645	1,062	58	250	20	41	184	507	524	—
Edison Division	17	41	—	15	—	—	7	24	23	—
Nassau Division	31	56	—	13	—	—	10	28	27	—
New York–White Plains–Wayne Division	574	893	47	186	19	34	158	403	411	—
Newark Division	23	71	—	36	—	—	9	52	63	—
Ogden–Clearfield, UT	—	—	—	—	—	—	—	—	—	—
Oklahoma City, OK	—	9	—	—	—	—	—	—	5	—
Omaha–Council Bluffs, NE–IA	—	—	—	—	—	—	—	—	—	—
Orlando, FL	96	130	9	14	8	9	29	52	44	—
Oxnard–Thousand Oaks–Ventura, CA	8	11	—	—	—	—	—	5	—	—
Palm Bay–Melbourne–Titusville, FL	—	—	—	—	—	—	—	5	—	—
Philadelphia, PA–NJ–DE–MD	61	—	28	—	—	—	67	—	18	—
Camden Division	7	19	—	11	—	—	—	9	10	—
Philadelphia Division	51	57	23	28	—	—	65	73	6	—
Wilmington Division	—	—	—	—	—	—	—	—	—	—
Phoenix–Mesa–Scottsdale, AZ	96	112	13	15	10	12	13	17	13	—
Pittsburgh, PA	—	—	—	—	—	—	—	—	—	—
Portland–South Portland, ME	—	—	—	—	—	—	—	—	—	—
Portland–Vancouver–Beaverton, OR–WA	21	26	—	—	—	—	—	6	7	—
Poughkeepsie–Newburgh–Middletown, NY	—	7	—	—	—	—	5	7	—	—
Providence–New Bedford–Fall River, RI–MA	13	23	—	7	—	—	8	11	12	—

**Table 8b. Diagnoses of HIV infection among Hispanic/Latino adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo–Orem, UT	—	—	—	—	—	—	—	—	—	—
Raleigh–Cary, NC	10	13	—	—	—	—	—	7	5	—
Richmond, VA	—	—	—	—	—	—	—	—	—	—
Riverside–San Bernardino–Ontario, CA	85	112	9	12	5	7	19	27	12	—
Rochester, NY	—	6	—	5	—	—	—	5	5	—
Sacramento–Arden-Arcade–Roseville, CA	16	23	5	6	—	—	6	8	—	—
St. Louis, MO–IL	—	5	—	—	—	—	—	6	—	—
Salt Lake City, UT	10	11	—	—	—	—	—	—	—	—
San Antonio, TX	100	126	14	19	6	8	10	17	26	—
San Diego–Carlsbad–San Marcos, CA	142	182	12	16	—	6	29	40	12	—
San Francisco, CA	120	170	—	5	12	16	17	27	32	—
Oakland Division	40	57	—	—	—	5	5	8	8	—
San Francisco Division	80	113	—	5	8	11	12	19	24	—
San Jose–Sunnyvale–Santa Clara, CA	36	55	—	—	—	5	—	—	9	—
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
Scranton–Wilkes-Barre, PA	—	—	—	—	—	—	—	—	—	—
Seattle, WA	44	60	—	—	—	—	—	8	19	—
Seattle Division	39	51	—	—	—	—	—	6	12	—
Tacoma Division	5	9	—	—	—	—	—	—	7	—
Springfield, MA	—	—	9	—	—	—	11	—	8	—
Stockton, CA	18	23	6	7	—	—	8	10	—	—
Syracuse, NY	—	—	—	—	—	—	—	—	—	—
Tampa–St. Petersburg–Clearwater, FL	59	77	5	7	—	—	23	31	18	—
Toledo, OH	—	—	—	—	—	—	—	—	—	—
Tucson, AZ	15	23	—	—	—	—	5	5	8	—
Tulsa, OK	6	10	—	—	—	—	—	—	—	—
Virginia Beach–Norfolk–Newport News, VA–NC	—	5	—	—	—	—	—	—	—	—
Washington, DC–VA–MD–WV	85	—	—	—	—	—	20	—	57	—
Bethesda Division	9	—	—	—	—	—	—	—	16	—
Washington Division	76	—	—	—	—	—	19	—	41	—
Wichita, KS	—	—	—	—	—	—	5	5	—	—
Worcester, MA	—	—	—	—	—	—	—	—	8	—
Youngstown–Warren–Boardman, OH–PA	—	—	—	—	—	—	—	—	—	—
Subtotal for MSAs (population ≥500,000)	4,152	5,949	420	853	164	258	1,158	2,111	1,946	6
Metropolitan areas (population of 50,000–499,999)	336	536	44	101	16	31	145	281	214	—
Nonmetropolitan areas	82	170	23	48	9	18	53	109	135	—
Total <sup>d</sup>	4,604	6,730	509	1,045	190	310	1,371	2,543	2,332	7

Note. Hispanics/Latinos can be of any race. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan–Caguas–Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 8c. Diagnoses of HIV infection among white adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	6	12	—	—	—	—	—	5	8	—
Albany–Schenectady–Troy, NY	16	25	—	—	—	—	6	8	—	—
Albuquerque, NM	7	14	—	—	—	—	—	—	7	—
Allentown–Bethlehem–Easton, PA–NJ	15	22	—	—	—	—	5	9	10	—
Atlanta–Sandy Springs–Marietta, GA	75	195	—	10	6	11	—	34	91	—
Augusta–Richmond County, GA–SC	6	21	—	—	—	—	—	—	9	—
Austin–Round Rock, TX	74	96	—	5	6	8	5	12	22	—
Bakersfield, CA	10	14	8	11	7	10	—	5	—	—
Baltimore–Towson, MD	21	—	8	—	—	—	9	—	67	—
Baton Rouge, LA	19	28	—	5	—	—	—	5	13	—
Birmingham–Hoover, AL	24	39	—	—	—	—	—	10	19	—
Boise City–Nampa, ID	9	15	—	—	—	—	—	—	6	—
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	97	—	9	—	5	—	8	—	34	—
Boston Division	47	—	—	—	—	—	—	—	17	—
Cambridge Division	23	—	—	—	—	—	—	—	12	—
Peabody Division	13	—	—	—	—	—	—	—	—	—
Bradenton–Sarasota–Venice, FL	29	36	—	—	—	—	—	—	5	—
Bridgeport–Stamford–Norwalk, CT	8	12	—	5	—	—	6	10	—	—
Buffalo–Niagara Falls, NY	26	36	—	5	—	—	6	13	5	—
Cape Coral–Fort Myers, FL	15	17	—	—	—	—	9	10	—	—
Charleston–North Charleston, SC	13	16	—	—	—	—	—	—	—	—
Charlotte–Gastonia–Concord, NC–SC	47	69	5	6	—	—	—	9	19	—
Chattanooga, TN–GA	13	22	—	—	—	—	—	6	10	—
Chicago, IL–IN–WI	221	326	13	21	5	8	10	22	62	—
Chicago Division	203	297	10	17	5	7	8	18	51	—
Gary Division	12	18	—	—	—	—	—	—	5	—
Lake Division	6	11	—	—	—	—	—	—	6	—
Cincinnati–Middletown, OH–KY–IN	50	74	—	6	—	—	6	15	28	—
Cleveland–Elyria–Mentor, OH	41	67	—	—	—	—	—	—	25	—
Colorado Springs, CO	13	16	—	—	—	—	—	—	—	—
Columbia, SC	27	36	—	—	—	—	—	6	12	—
Columbus, OH	88	146	—	—	—	5	9	15	56	—
Dallas, TX	270	334	13	19	15	18	20	36	59	—
Dallas Division	233	276	6	9	12	14	11	18	30	—
Fort Worth Division	37	59	7	10	—	—	9	18	29	—
Dayton, OH	27	33	—	—	—	—	—	—	5	—
Denver–Aurora, CO	121	144	5	7	18	21	9	12	15	—
Des Moines, IA	16	23	—	—	—	—	—	—	5	—
Detroit, MI	85	113	6	9	—	—	—	10	30	—
Detroit Division	29	37	—	5	—	—	—	5	10	—
Warren Division	56	75	—	—	—	—	—	6	20	—
Durham–Chapel Hill, NC	17	21	—	—	—	—	—	6	7	—
El Paso, TX	—	9	—	—	—	—	—	—	5	—
Fresno, CA	32	40	—	—	—	—	—	—	—	—
Grand Rapids–Wyoming, MI	12	16	—	—	—	—	—	5	—	—
Greensboro–High Point, NC	16	22	—	—	—	—	—	—	10	—
Greenville, SC	15	18	—	—	—	—	—	—	6	—
Harrisburg–Carlisle, PA	13	17	—	—	—	—	—	—	7	—
Hartford–West Hartford–East Hartford, CT	40	57	—	9	—	—	—	8	14	—

**Table 8c. Diagnoses of HIV infection among white adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	12	—	—	—	—	—	—	—	5	—
Houston–Baytown–Sugar Land, TX	153	208	19	27	9	11	19	46	70	—
Indianapolis, IN	51	69	—	5	—	6	7	9	16	—
Jackson, MS	—	9	—	—	—	—	—	5	8	—
Jacksonville, FL	58	65	7	8	—	—	21	25	—	—
Kansas City, MO–KS	83	93	—	—	6	8	5	6	—	—
Knoxville, TN	23	28	—	—	—	—	—	5	6	—
Lakeland, FL	17	25	—	6	—	—	—	8	11	—
Lancaster, PA	10	11	—	5	—	—	5	8	—	—
Las Vegas–Paradise, NV	89	102	9	10	7	8	14	16	5	—
Little Rock–North Little Rock, AR	16	38	—	—	—	—	—	6	24	—
Los Angeles, CA	483	744	16	30	31	44	11	42	95	—
Los Angeles Division	387	624	11	23	25	36	8	39	94	—
Santa Ana Division	96	121	5	6	6	7	—	—	—	—
Louisville, KY–IN	32	57	—	6	—	—	—	11	30	—
Madison, WI	14	21	—	—	—	—	—	—	6	—
McAllen–Edinburg–Pharr, TX	—	8	—	—	—	—	—	—	5	—
Memphis, TN–MS–AR	16	31	—	—	—	—	—	6	14	—
Miami, FL	377	470	11	15	10	12	41	60	63	—
Fort Lauderdale Division	226	284	8	10	7	9	15	24	37	—
Miami Division	106	126	—	—	—	—	12	14	11	—
West Palm Beach Division	45	59	—	—	—	—	14	22	15	—
Milwaukee–Waukesha–West Allis, WI	31	40	—	—	—	—	—	—	10	—
Minneapolis–St. Paul–Bloomington, MN–WI	95	123	—	—	8	9	13	19	24	—
Modesto, CA	—	5	—	—	—	—	—	—	—	—
Nashville–Davidson–Murfreesboro, TN	74	100	—	—	—	—	6	13	25	—
New Haven–Milford, CT	18	26	—	8	—	—	—	7	8	—
New Orleans–Metairie–Kenner, LA	54	74	6	7	5	6	—	7	21	—
New York, NY–NJ–PA	540	884	31	90	22	34	43	131	208	—
Edison Division	24	62	—	9	—	—	6	16	20	—
Nassau Division	53	88	—	5	5	7	5	11	18	—
New York–White Plains–Wayne Division	427	640	23	58	16	23	26	81	138	—
Newark Division	36	94	—	17	—	—	6	22	32	—
Ogden–Clearfield, UT	5	5	—	—	—	—	—	—	—	—
Oklahoma City, OK	38	53	—	—	11	12	—	—	12	—
Omaha–Council Bluffs, NE–IA	25	35	—	—	5	6	5	7	7	—
Orlando, FL	119	150	—	6	6	7	17	23	23	—
Oxnard–Thousand Oaks–Ventura, CA	14	19	—	—	—	—	—	—	—	—
Palm Bay–Melbourne–Titusville, FL	23	28	—	—	—	—	—	—	6	—
Philadelphia, PA–NJ–DE–MD	140	—	27	—	8	—	58	—	28	—
Camden Division	22	50	6	13	—	—	—	8	13	—
Philadelphia Division	106	125	20	23	5	6	51	59	7	—
Wilmington Division	12	—	—	—	—	—	—	—	8	—
Phoenix–Mesa–Scottsdale, AZ	167	200	10	14	20	23	10	17	26	—
Pittsburgh, PA	42	52	—	—	—	—	14	19	11	—
Portland–South Portland, ME	14	18	—	—	—	—	—	—	—	—
Portland–Vancouver–Beaverton, OR–WA	95	113	7	9	13	14	9	15	12	—
Poughkeepsie–Newburgh–Middletown, NY	9	14	—	—	—	—	7	10	—	—
Providence–New Bedford–Fall River, RI–MA	40	49	6	8	—	—	—	10	22	—

**Table 8c. Diagnoses of HIV infection among white adults and adolescents, by metropolitan statistical area of residence and transmission category, 2010—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo-Orem, UT	—	—	—	—	—	—	—	—	—	—
Raleigh-Cary, NC	45	54	—	—	—	—	—	6	10	—
Richmond, VA	31	43	—	—	—	—	—	5	7	—
Riverside-San Bernardino-Ontario, CA	113	147	13	17	6	7	9	15	10	—
Rochester, NY	26	41	—	—	—	—	—	—	7	—
Sacramento-Arden-Arcade-Roseville, CA	54	71	9	11	—	6	18	24	7	—
St. Louis, MO-IL	78	104	—	—	—	—	—	10	22	—
Salt Lake City, UT	20	23	—	—	11	12	—	—	—	—
San Antonio, TX	42	55	5	6	5	6	—	5	9	—
San Diego-Carlsbad-San Marcos, CA	163	201	14	17	11	14	25	32	—	—
San Francisco, CA	249	317	21	26	54	65	13	27	33	—
Oakland Division	71	94	5	7	8	11	7	15	14	—
San Francisco Division	178	223	16	19	46	54	6	12	19	—
San Jose-Sunnyvale-Santa Clara, CA	42	54	5	7	—	—	6	11	—	—
San Juan-Caguas-Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
Scranton-Wilkes-Barre, PA	9	10	—	—	—	—	6	6	—	—
Seattle, WA	175	207	11	15	13	15	13	21	23	—
Seattle Division	165	188	8	11	13	14	12	18	12	—
Tacoma Division	10	19	—	—	—	—	—	—	11	—
Springfield, MA	16	—	—	—	—	—	—	—	5	—
Stockton, CA	11	15	6	7	6	7	5	6	—	—
Syracuse, NY	16	22	—	—	—	—	—	6	5	—
Tampa-St. Petersburg-Clearwater, FL	170	210	15	18	6	8	28	37	32	—
Toledo, OH	9	14	—	—	—	—	—	6	6	—
Tucson, AZ	37	46	—	—	—	—	6	7	—	—
Tulsa, OK	23	28	—	—	5	6	—	—	6	—
Virginia Beach-Norfolk-Newport News, VA-NC	30	64	—	—	—	—	—	12	33	—
Washington, DC-VA-MD-WV	153	—	5	—	13	—	6	—	66	—
Bethesda Division	10	—	—	—	—	—	—	—	15	—
Washington Division	143	—	—	—	12	—	6	—	51	—
Wichita, KS	18	21	—	—	—	—	—	—	—	—
Worcester, MA	7	—	—	—	—	—	—	—	—	—
Youngstown-Warren-Boardman, OH-PA	—	—	—	—	—	—	—	—	—	—
Subtotal for MSAs (population ≥500,000)	6,169	8,102	438	637	426	516	658	1,173	1,819	13
Metropolitan areas (population of 50,000–499,999)	922	1,274	98	144	67	83	180	338	363	—
Nonmetropolitan areas	557	804	84	123	41	59	156	286	296	—
Total <sup>d</sup>	7,682	10,278	623	911	535	662	1,000	1,818	2,516	20

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

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<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 9a. Black/African American adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	118	147	20	33	8	10	67	96	79	—
Albany–Schenectady–Troy, NY	135	167	160	218	28	32	171	270	169	—
Albuquerque, NM	35	40	11	14	6	9	11	17	16	—
Allentown–Bethlehem–Easton, PA–NJ	35	43	51	68	8	8	96	127	57	—
Atlanta–Sandy Springs–Marietta, GA	5,856	8,031	1,391	2,365	647	810	1,622	4,480	6,040	51
Augusta–Richmond County, GA–SC	380	525	174	296	36	53	261	620	650	8
Austin–Round Rock, TX	307	358	189	209	81	87	218	308	190	—
Bakersfield, CA	150	158	104	104	88	90	68	73	20	—
Baltimore–Towson, MD	2,126	—	5,770	—	510	—	3,266	—	2,634	—
Baton Rouge, LA	523	835	506	661	98	174	687	1,346	1,368	12
Birmingham–Hoover, AL	847	1,023	138	202	53	72	489	795	604	6
Boise City–Nampa, ID	—	6	—	—	—	—	—	6	7	—
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	577	—	541	—	97	—	807	—	1,498	—
Boston Division	449	—	425	—	78	—	542	—	909	—
Cambridge Division	91	—	88	—	15	—	221	—	488	—
Peabody Division	31	—	26	—	—	—	32	—	89	—
Bradenton–Sarasota–Venice, FL	99	114	51	64	15	16	268	316	91	—
Bridgeport–Stamford–Norwalk, CT	122	150	356	417	21	24	333	439	186	—
Buffalo–Niagara Falls, NY	278	319	192	232	41	45	280	350	112	—
Cape Coral–Fort Myers, FL	73	102	58	85	14	18	311	409	168	—
Charleston–North Charleston, SC	333	434	134	197	38	54	410	588	394	6
Charlotte–Gastonia–Concord, NC–SC	1,097	1,465	398	623	79	128	784	1,576	1,529	11
Chattanooga, TN–GA	151	181	51	63	14	16	104	176	124	—
Chicago, IL–IN–WI	4,917	5,873	2,734	3,097	819	876	2,580	3,642	2,734	35
Chicago Division	4,622	5,515	2,624	2,953	772	823	2,438	3,417	2,529	32
Gary Division	211	252	58	83	31	34	93	146	138	—
Lake Division	84	106	52	61	16	19	49	79	67	—
Cincinnati–Middletown, OH–KY–IN	572	709	87	133	46	59	282	414	362	5
Cleveland–Elyria–Mentor, OH	987	1,204	187	251	78	99	502	680	555	6
Colorado Springs, CO	70	79	12	17	7	9	28	37	28	—
Columbia, SC	869	1,085	226	330	70	102	851	1,176	732	—
Columbus, OH	564	771	129	192	44	65	404	613	541	10
Dallas, TX	2,859	3,325	700	934	302	361	1,579	2,434	1,766	19
Dallas Division	2,406	2,782	452	649	217	262	1,270	1,937	1,403	9
Fort Worth Division	453	543	248	285	85	100	309	497	363	11
Dayton, OH	253	291	33	50	18	23	136	188	129	—
Denver–Aurora, CO	507	561	134	163	82	92	355	402	153	7
Des Moines, IA	24	32	8	10	—	—	25	52	39	—
Detroit, MI	2,612	3,075	833	1,033	239	285	884	1,543	1,580	15
Detroit Division	2,235	2,630	769	940	219	259	785	1,336	1,353	14
Warren Division	377	445	64	93	20	26	99	207	227	—
Durham–Chapel Hill, NC	373	477	174	249	37	53	257	514	486	7
El Paso, TX	24	29	19	21	7	8	15	22	16	—
Fresno, CA	60	59	92	88	27	27	44	44	—	—
Grand Rapids–Wyoming, MI	61	82	22	32	7	8	64	125	96	—
Greensboro–High Point, NC	432	553	126	225	37	59	225	563	609	—
Greenville, SC	253	296	61	83	16	23	213	277	149	—
Harrisburg–Carlisle, PA	96	103	137	145	23	25	160	173	30	—
Hartford–West Hartford–East Hartford, CT	123	165	416	462	29	33	238	313	159	—

**Table 9a. Black/African American adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	44	—	10	—	10	—	17	—	14	—
Houston–Baytown–Sugar Land, TX	2,852	3,489	1,361	1,564	424	491	3,427	4,245	1,988	13
Indianapolis, IN	668	756	132	166	67	74	391	498	272	6
Jackson, MS	754	1,059	114	250	43	92	469	1,006	1,084	8
Jacksonville, FL	1,085	1,092	427	418	131	128	1,920	1,914	57	5
Kansas City, MO–KS	813	910	121	147	78	88	269	405	281	5
Knoxville, TN	76	97	38	45	8	10	46	82	68	—
Lakeland, FL	123	155	65	85	15	19	450	522	143	—
Lancaster, PA	11	17	30	39	—	—	39	58	36	—
Las Vegas–Paradise, NV	632	679	161	182	61	72	333	402	167	—
Little Rock–North Little Rock, AR	385	407	74	83	27	30	238	264	84	—
Los Angeles, CA	4,473	5,243	622	899	590	677	951	1,608	1,839	35
Los Angeles Division	4,329	5,092	562	837	573	659	874	1,525	1,819	35
Santa Ana Division	144	151	60	62	17	18	77	83	20	—
Louisville, KY–IN	405	500	152	176	51	62	270	369	250	—
Madison, WI	31	44	22	23	6	8	44	63	40	—
McAllen–Edinburg–Pharr, TX	6	6	—	—	—	—	—	—	—	—
Memphis, TN–MS–AR	2,052	2,577	225	356	96	154	1,899	2,492	1,334	17
Miami, FL	4,000	5,055	2,100	2,587	489	579	13,513	15,499	4,141	79
Fort Lauderdale Division	1,112	1,510	576	788	129	170	4,155	5,166	1,811	22
Miami Division	2,251	2,794	1,212	1,420	289	327	6,215	6,956	1,798	38
West Palm Beach Division	637	750	312	379	71	82	3,143	3,377	532	19
Milwaukee–Waukesha–West Allis, WI	572	669	188	225	71	83	282	390	280	—
Minneapolis–St. Paul–Bloomington, MN–WI	447	724	135	198	61	84	341	866	910	5
Modesto, CA	14	14	10	10	—	—	9	10	—	—
Nashville–Davidson–Murfreesboro, TN	816	922	426	443	76	82	628	738	264	9
New Haven–Milford, CT	138	182	486	549	25	29	311	393	171	—
New Orleans–Metairie–Kenner, LA	1,136	1,662	510	781	170	268	984	1,778	1,899	31
New York, NY–NJ–PA	12,177	16,890	12,377	20,305	1,493	1,999	13,395	23,671	22,820	226
Edison Division	262	354	486	651	47	58	480	736	507	7
Nassau Division	380	541	395	607	74	88	480	812	630	12
New York–White Plains–Wayne Division	10,346	14,194	9,035	15,457	1,177	1,574	10,239	18,373	18,358	168
Newark Division	1,189	1,801	2,461	3,590	195	279	2,196	3,750	3,325	39
Ogden–Clearfield, UT	16	18	—	—	—	—	—	6	5	—
Oklahoma City, OK	270	313	41	57	41	48	90	151	147	5
Omaha–Council Bluffs, NE–IA	95	121	29	37	15	17	87	173	128	—
Orlando, FL	1,241	1,416	503	571	126	144	1,222	1,608	704	6
Oxnard–Thousand Oaks–Ventura, CA	16	18	—	—	—	—	11	12	5	—
Palm Bay–Melbourne–Titusville, FL	81	98	45	57	10	12	191	253	104	—
Philadelphia, PA–NJ–DE–MD	3,817	—	4,013	—	609	—	5,746	—	858	—
Camden Division	330	420	252	388	43	57	287	465	396	—
Philadelphia Division	3,162	3,232	3,209	3,228	485	484	4,910	5,033	401	8
Wilmington Division	325	—	552	—	81	—	549	—	61	—
Phoenix–Mesa–Scottsdale, AZ	361	411	164	184	87	94	181	241	150	—
Pittsburgh, PA	374	390	182	208	40	42	360	406	102	—
Portland–South Portland, ME	14	18	5	13	—	—	21	39	28	—
Portland–Vancouver–Beaverton, OR–WA	130	147	43	47	22	26	106	122	42	—
Poughkeepsie–Newburgh–Middletown, NY	92	129	317	386	42	46	207	269	144	—
Providence–New Bedford–Fall River, RI–MA	100	90	228	168	19	16	192	191	95	—

**Table 9a. Black/African American adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo-Orem, UT	—	—	—	—	—	—	—	—	—	—
Raleigh-Cary, NC	566	729	162	268	62	79	323	680	680	10
Richmond, VA	959	1,171	429	511	119	139	746	1,075	636	7
Riverside-San Bernardino-Ontario, CA	462	510	202	221	68	76	311	374	166	5
Rochester, NY	214	303	339	483	41	51	193	405	398	—
Sacramento-Arden-Arcade-Roseville, CA	247	254	102	103	49	50	250	261	28	—
St. Louis, MO-IL	1,611	1,830	215	276	133	155	741	961	604	8
Salt Lake City, UT	36	46	25	28	5	6	42	77	48	—
San Antonio, TX	245	296	78	99	28	36	111	187	166	—
San Diego-Carlsbad-San Marcos, CA	803	801	178	176	139	131	265	271	31	6
San Francisco, CA	2,064	2,136	1,073	1,055	530	528	976	1,075	283	12
Oakland Division	1,146	1,165	447	427	113	111	751	804	159	8
San Francisco Division	918	971	626	628	417	417	225	270	124	—
San Jose-Sunnyvale-Santa Clara, CA	132	144	41	46	19	20	93	124	56	—
San Juan-Caguas-Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
Scranton-Wilkes-Barre, PA	19	22	43	50	10	11	31	41	20	—
Seattle, WA	464	571	131	165	60	72	326	505	352	16
Seattle Division	389	490	91	121	49	60	261	428	325	14
Tacoma Division	75	82	40	44	11	12	65	78	27	—
Springfield, MA	57	—	101	—	11	—	58	—	95	—
Stockton, CA	71	73	94	95	22	22	83	86	12	—
Syracuse, NY	70	89	75	97	16	18	126	161	60	—
Tampa-St. Petersburg-Clearwater, FL	1,011	1,136	408	472	102	112	1,461	1,739	554	9
Toledo, OH	130	134	37	41	14	15	157	172	39	—
Tucson, AZ	57	62	30	31	14	15	40	54	23	—
Tulsa, OK	140	154	12	18	20	25	66	96	64	—
Virginia Beach-Norfolk-Newport News, VA-NC	1,462	1,889	438	589	106	148	907	1,540	1,245	11
Washington, DC-VA-MD-WV	5,398	—	3,078	—	659	—	5,797	—	5,260	—
Bethesda Division	295	—	144	—	33	—	859	—	711	—
Washington Division	5,103	—	2,934	—	626	—	4,938	—	4,549	—
Wichita, KS	63	70	12	13	14	15	60	67	16	—
Worcester, MA	26	—	76	—	7	—	77	—	142	—
Youngstown-Warren-Boardman, OH-PA	74	107	48	69	12	18	75	109	102	—
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>85,601</b>	<b>95,360</b>	<b>49,220</b>	<b>53,161</b>	<b>11,048</b>	<b>11,627</b>	<b>81,063</b>	<b>101,515</b>	<b>77,842</b>	<b>826</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>9,430</b>	<b>11,739</b>	<b>5,305</b>	<b>6,601</b>	<b>1,447</b>	<b>1,766</b>	<b>10,240</b>	<b>14,968</b>	<b>9,993</b>	<b>137</b>
<b>Nonmetropolitan areas</b>	<b>5,644</b>	<b>7,506</b>	<b>4,131</b>	<b>5,326</b>	<b>1,207</b>	<b>1,512</b>	<b>6,502</b>	<b>9,923</b>	<b>7,576</b>	<b>119</b>
<b>Total<sup>d</sup></b>	<b>101,682</b>	<b>115,689</b>	<b>59,189</b>	<b>65,657</b>	<b>13,866</b>	<b>15,081</b>	<b>98,394</b>	<b>127,222</b>	<b>96,330</b>	<b>1,093</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 9b. Hispanic/Latino adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	10	11	—	—	—	—	—	—	—	—
Albany–Schenectady–Troy, NY	63	76	130	150	20	22	69	86	41	—
Albuquerque, NM	353	379	44	49	41	47	55	66	59	—
Allentown–Bethlehem–Easton, PA–NJ	55	70	221	251	11	13	171	214	95	—
Atlanta–Sandy Springs–Marietta, GA	504	740	55	112	38	51	104	252	430	—
Augusta–Richmond County, GA–SC	8	16	6	9	—	—	5	10	16	—
Austin–Round Rock, TX	674	745	78	94	72	78	131	174	149	—
Bakersfield, CA	221	233	178	175	103	104	112	118	26	—
Baltimore–Towson, MD	111	—	73	—	13	—	109	—	96	—
Baton Rouge, LA	11	17	—	5	—	—	12	17	14	—
Birmingham–Hoover, AL	22	31	—	5	—	—	13	20	18	—
Boise City–Nampa, ID	26	31	—	5	—	—	8	14	14	—
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	543	—	677	—	54	—	383	—	465	—
Boston Division	348	—	325	—	32	—	192	—	217	—
Cambridge Division	131	—	195	—	15	—	71	—	99	—
Peabody Division	58	—	153	—	7	—	117	—	145	—
Bradenton–Sarasota–Venice, FL	60	83	34	38	—	—	51	68	49	—
Bridgeport–Stamford–Norwalk, CT	152	196	268	321	12	15	210	266	137	—
Buffalo–Niagara Falls, NY	66	85	133	152	15	18	90	105	40	—
Cape Coral–Fort Myers, FL	55	79	35	44	5	7	81	103	60	—
Charleston–North Charleston, SC	18	36	—	7	—	—	17	29	35	—
Charlotte–Gastonia–Concord, NC–SC	100	158	—	17	—	8	37	85	121	—
Chattanooga, TN–GA	12	17	—	—	—	—	5	10	12	—
Chicago, IL–IN–WI	2,395	2,811	502	586	234	257	760	926	722	17
Chicago Division	2,278	2,664	473	548	220	241	714	867	666	16
Gary Division	48	56	15	18	—	5	17	20	17	—
Lake Division	69	91	14	20	10	12	29	39	39	—
Cincinnati–Middletown, OH–KY–IN	25	34	12	13	—	—	28	33	15	—
Cleveland–Elyria–Mentor, OH	93	127	106	105	12	14	81	93	62	—
Colorado Springs, CO	57	60	8	11	9	10	7	11	10	—
Columbia, SC	23	43	—	8	—	—	27	38	39	—
Columbus, OH	54	74	18	20	—	—	27	31	32	—
Dallas, TX	2,052	2,318	169	236	116	139	418	582	566	8
Dallas Division	1,759	1,974	92	146	81	99	323	446	444	5
Fort Worth Division	293	344	77	90	35	40	95	136	122	—
Dayton, OH	14	16	—	—	—	—	—	—	—	—
Denver–Aurora, CO	947	1,040	134	150	119	131	140	178	167	—
Des Moines, IA	20	26	—	—	—	5	5	8	11	—
Detroit, MI	125	161	33	39	—	—	48	61	65	—
Detroit Division	79	107	25	30	—	—	34	45	52	—
Warren Division	46	55	8	10	—	—	14	15	13	—
Durham–Chapel Hill, NC	32	67	—	10	—	5	26	57	78	—
El Paso, TX	833	863	82	89	58	62	211	232	87	9
Fresno, CA	363	363	70	70	43	42	71	74	7	—
Grand Rapids–Wyoming, MI	49	63	7	9	—	—	23	27	22	—
Greensboro–High Point, NC	35	51	—	6	—	—	9	24	37	—
Greenville, SC	33	42	—	5	—	—	15	20	17	—
Harrisburg–Carlisle, PA	23	26	70	73	10	11	46	50	13	—
Hartford–West Hartford–East Hartford, CT	143	198	737	784	43	47	321	373	149	—

**Table 9b. Hispanic/Latino adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	94	—	17	—	10	—	6	—	8	—
Houston–Baytown–Sugar Land, TX	2,296	2,700	245	312	175	206	1,119	1,290	742	10
Indianapolis, IN	97	120	15	17	12	13	61	66	33	—
Jackson, MS	9	18	—	—	—	—	—	11	21	—
Jacksonville, FL	90	92	36	37	10	10	84	85	5	—
Kansas City, MO–KS	199	241	28	34	29	31	52	65	60	—
Knoxville, TN	12	18	—	—	—	—	—	8	11	—
Lakeland, FL	48	60	35	39	7	8	81	91	30	—
Lancaster, PA	27	42	70	94	—	6	62	87	67	—
Las Vegas–Paradise, NV	804	847	61	71	61	68	148	172	89	—
Little Rock–North Little Rock, AR	25	28	—	—	—	—	5	10	11	—
Los Angeles, CA	11,699	13,642	783	1,094	827	980	1,719	2,549	3,199	81
Los Angeles Division	9,989	11,898	566	872	730	879	1,385	2,197	3,104	75
Santa Ana Division	1,710	1,745	217	222	97	101	334	352	95	6
Louisville, KY–IN	38	54	7	9	—	—	17	25	26	—
Madison, WI	25	31	—	—	—	—	10	14	11	—
McAllen–Edinburg–Pharr, TX	343	402	61	78	17	25	181	213	128	—
Memphis, TN–MS–AR	28	43	8	10	—	—	39	48	25	—
Miami, FL	7,347	7,935	678	787	380	404	2,862	3,213	1,228	22
Fort Lauderdale Division	1,165	1,302	125	153	76	82	385	479	283	—
Miami Division	5,857	6,263	470	540	276	292	2,109	2,342	847	16
West Palm Beach Division	325	370	83	94	28	30	368	393	98	—
Milwaukee–Waukesha–West Allis, WI	128	158	73	77	17	19	90	103	53	—
Minneapolis–St. Paul–Bloomington, MN–WI	216	285	36	42	15	18	62	88	108	—
Modesto, CA	96	102	18	19	6	6	28	30	14	5
Nashville–Davidson–Murfreesboro, TN	93	114	8	10	—	—	49	59	33	—
New Haven–Milford, CT	137	178	383	431	16	18	230	275	122	—
New Orleans–Metairie–Kenner, LA	120	186	13	30	18	27	55	95	140	—
New York, NY–NJ–PA	11,842	15,492	9,728	13,570	1,385	1,694	7,760	11,354	10,884	115
Edison Division	246	329	200	282	20	27	251	356	256	—
Nassau Division	382	527	161	269	37	46	292	432	326	6
New York–White Plains–Wayne Division	10,748	13,953	8,803	12,250	1,262	1,532	6,758	9,894	9,672	96
Newark Division	466	683	564	769	66	89	459	672	630	9
Ogden–Clearfield, UT	22	25	—	—	6	6	6	9	7	—
Oklahoma City, OK	76	98	20	24	16	18	33	48	45	—
Omaha–Council Bluffs, NE–IA	47	70	—	6	—	6	24	34	40	—
Orlando, FL	789	896	363	387	91	99	448	549	258	—
Oxnard–Thousand Oaks–Ventura, CA	219	229	16	18	16	17	62	68	23	—
Palm Bay–Melbourne–Titusville, FL	25	31	15	18	7	8	26	33	19	—
Philadelphia, PA–NJ–DE–MD	620	—	1,159	—	156	—	1,018	—	239	—
Camden Division	87	129	163	212	17	23	118	158	136	6
Philadelphia Division	491	530	938	950	133	134	849	868	94	—
Wilmington Division	42	—	58	—	6	—	51	—	9	—
Phoenix–Mesa–Scottsdale, AZ	1,347	1,492	262	288	161	172	288	348	260	6
Pittsburgh, PA	39	40	21	23	—	—	16	17	5	—
Portland–South Portland, ME	14	16	8	10	—	—	—	6	6	—
Portland–Vancouver–Beaverton, OR–WA	259	302	32	39	12	15	41	53	66	—
Poughkeepsie–Newburgh–Middletown, NY	94	140	298	360	39	46	126	151	114	—
Providence–New Bedford–Fall River, RI–MA	99	106	181	126	23	17	215	187	90	—

**Table 9b. Hispanic/Latino adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo-Orem, UT	18	20	6	7	—	—	7	8	—	—
Raleigh-Cary, NC	67	125	8	23	—	7	29	72	121	—
Richmond, VA	33	55	21	26	—	—	38	51	38	—
Riverside-San Bernardino-Ontario, CA	1,124	1,209	204	216	130	132	334	384	191	13
Rochester, NY	92	135	231	302	11	16	82	173	188	—
Sacramento-Arden-Arcade-Roseville, CA	270	277	48	49	38	37	104	109	17	—
St. Louis, MO-IL	96	110	10	15	—	5	18	32	33	—
Salt Lake City, UT	148	162	55	60	32	34	35	48	35	—
San Antonio, TX	1,502	1,679	199	236	85	105	292	369	358	10
San Diego-Carlsbad-San Marcos, CA	2,361	2,375	236	235	237	232	403	414	51	10
San Francisco, CA	2,710	2,809	238	252	371	378	370	419	167	15
Oakland Division	691	710	79	81	47	47	187	201	50	6
San Francisco Division	2,019	2,099	159	171	324	330	183	217	117	9
San Jose-Sunnyvale-Santa Clara, CA	661	716	60	68	63	68	133	161	101	—
San Juan-Caguas-Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
Scranton-Wilkes-Barre, PA	17	21	18	24	—	—	29	38	18	—
Seattle, WA	490	549	54	64	60	65	86	117	109	—
Seattle Division	450	504	38	47	53	58	57	84	99	—
Tacoma Division	40	45	16	17	7	7	29	33	10	—
Springfield, MA	88	—	398	—	28	—	204	—	139	—
Stockton, CA	148	148	43	43	28	28	71	73	5	—
Syracuse, NY	23	27	33	36	5	5	25	32	10	—
Tampa-St. Petersburg-Clearwater, FL	500	570	190	205	39	42	360	436	181	—
Toledo, OH	24	26	—	—	—	—	13	15	5	—
Tucson, AZ	356	371	76	77	43	46	52	57	33	—
Tulsa, OK	43	54	9	11	6	7	16	20	19	—
Virginia Beach-Norfolk-Newport News, VA-NC	61	92	28	34	—	—	47	70	59	—
Washington, DC-VA-MD-WV	941	—	129	—	53	—	560	—	531	—
Bethesda Division	130	—	22	—	11	—	146	—	98	—
Washington Division	811	—	107	—	42	—	414	—	433	—
Wichita, KS	49	53	11	12	7	7	24	25	7	—
Worcester, MA	43	—	242	—	20	—	111	—	62	—
Youngstown-Warren-Boardman, OH-PA	8	19	7	9	—	—	13	18	19	—
Subtotal for MSAs (population ≥500,000)	63,882	72,237	25,837	29,738	6,444	7,044	28,524	34,559	25,491	426
Metropolitan areas (population of 50,000–499,999)	4,047	4,916	3,485	3,856	828	924	3,326	3,965	2,179	59
Nonmetropolitan areas	1,290	1,859	1,671	1,982	369	444	1,200	1,538	1,412	22
Total <sup>d</sup>	69,907	79,784	31,586	36,250	7,744	8,523	33,692	40,811	29,363	512

Note. Hispanics/Latinos can be of any race. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 9c. White adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Akron, OH	259	303	17	20	12	14	48	56	75	—
Albany–Schenectady–Troy, NY	412	473	100	135	37	43	104	161	127	8
Albuquerque, NM	314	319	40	41	53	53	44	51	26	—
Allentown–Bethlehem–Easton, PA–NJ	203	229	86	107	16	19	134	160	92	13
Atlanta–Sandy Springs–Marietta, GA	3,569	4,433	221	318	340	379	197	426	1,233	45
Augusta–Richmond County, GA–SC	213	267	28	38	20	25	45	77	103	6
Austin–Round Rock, TX	1,442	1,508	139	150	193	197	125	158	146	5
Bakersfield, CA	197	201	141	140	101	100	47	50	19	6
Baltimore–Towson, MD	1,151	—	722	—	108	—	370	—	505	—
Baton Rouge, LA	295	377	74	85	58	67	68	108	169	8
Birmingham–Hoover, AL	672	759	83	92	50	56	122	160	158	—
Boise City–Nampa, ID	176	195	42	45	41	42	25	30	33	—
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	2,821	—	745	—	230	—	291	—	496	—
Boston Division	1,780	—	349	—	129	—	127	—	224	—
Cambridge Division	654	—	239	—	60	—	89	—	152	—
Peabody Division	263	—	131	—	30	—	46	—	90	—
Bradenton–Sarasota–Venice, FL	513	546	81	87	38	40	132	162	88	5
Bridgeport–Stamford–Norwalk, CT	372	458	215	240	18	20	110	140	144	5
Buffalo–Niagara Falls, NY	402	445	79	93	43	47	104	131	51	5
Cape Coral–Fort Myers, FL	351	408	56	67	40	44	116	149	115	—
Charleston–North Charleston, SC	337	388	46	55	34	39	76	105	109	—
Charlotte–Gastonia–Concord, NC–SC	804	999	85	114	60	74	136	242	363	—
Chattanooga, TN–GA	358	391	35	44	25	27	68	109	92	9
Chicago, IL–IN–WI	5,903	6,337	578	622	404	421	577	693	747	54
Chicago Division	5,543	5,908	499	528	371	383	478	567	607	42
Gary Division	194	232	55	64	21	24	63	76	79	6
Lake Division	166	197	24	29	12	14	36	50	61	6
Cincinnati–Middletown, OH–KY–IN	969	1,115	65	83	57	61	158	210	255	10
Cleveland–Elyria–Mentor, OH	983	1,103	91	104	82	86	162	194	214	14
Colorado Springs, CO	287	326	45	52	43	50	22	32	70	—
Columbia, SC	389	452	42	54	28	33	113	152	136	—
Columbus, OH	1,560	1,856	83	104	75	91	195	255	451	15
Dallas, TX	6,003	6,264	508	547	481	489	448	588	651	32
Dallas Division	5,078	5,250	263	290	343	347	299	393	447	19
Fort Worth Division	925	1,013	245	257	138	142	149	195	204	13
Dayton, OH	411	442	28	30	18	21	77	86	74	10
Denver–Aurora, CO	4,074	4,244	278	303	562	580	218	253	309	22
Des Moines, IA	226	239	23	25	27	27	38	41	20	—
Detroit, MI	1,613	1,782	142	162	115	122	172	235	345	37
Detroit Division	682	750	83	90	50	53	98	125	142	14
Warren Division	931	1,033	59	72	65	69	74	111	203	23
Durham–Chapel Hill, NC	212	247	13	21	15	20	26	49	78	—
El Paso, TX	94	96	15	16	12	12	18	20	10	—
Fresno, CA	266	267	83	83	47	47	27	29	9	—
Grand Rapids–Wyoming, MI	305	328	11	12	28	29	46	54	44	—
Greensboro–High Point, NC	315	371	20	37	12	18	42	87	136	—
Greenville, SC	255	288	19	25	15	17	57	70	70	—
Harrisburg–Carlisle, PA	336	345	78	81	25	26	110	114	25	6
Hartford–West Hartford–East Hartford, CT	445	537	291	323	25	28	143	180	166	—

**Table 9c. White adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Honolulu, HI	603	—	61	—	54	—	40	—	49	—
Houston–Baytown–Sugar Land, TX	3,821	4,069	423	446	481	481	611	725	591	18
Indianapolis, IN	1,485	1,538	107	116	145	147	213	230	139	9
Jackson, MS	198	263	45	52	38	44	28	57	120	5
Jacksonville, FL	946	945	200	198	132	129	355	357	30	5
Kansas City, MO–KS	1,670	1,766	112	118	228	229	171	193	171	16
Knoxville, TN	511	552	56	59	24	26	89	112	76	—
Lakeland, FL	277	298	95	101	40	40	136	151	56	—
Lancaster, PA	159	181	42	57	13	15	48	66	62	—
Las Vegas–Paradise, NV	1,803	1,918	243	260	247	263	236	273	237	11
Little Rock–North Little Rock, AR	504	537	56	57	58	60	83	89	62	—
Los Angeles, CA	13,373	14,044	784	861	1,307	1,341	581	757	1,124	62
Los Angeles Division	10,991	11,660	519	600	1,112	1,148	379	551	1,048	44
Santa Ana Division	2,382	2,383	265	261	195	193	202	207	76	18
Louisville, KY–IN	933	1,051	78	91	79	87	139	186	218	9
Madison, WI	256	274	15	20	27	29	30	43	51	9
McAllen–Edinburg–Pharr, TX	37	43	9	11	—	—	—	7	15	—
Memphis, TN–MS–AR	658	735	67	75	59	62	141	186	146	11
Miami, FL	7,480	7,970	649	709	481	499	1,038	1,224	910	33
Fort Lauderdale Division	4,034	4,326	276	314	244	256	405	515	533	19
Miami Division	2,369	2,497	196	206	148	150	310	353	223	7
West Palm Beach Division	1,077	1,147	177	189	89	93	323	356	154	7
Milwaukee–Waukesha–West Allis, WI	687	721	46	52	55	59	76	86	83	10
Minneapolis–St. Paul–Bloomington, MN–WI	2,204	2,301	100	117	207	210	204	279	257	23
Modesto, CA	140	146	49	49	36	37	27	31	22	7
Nashville–Davidson–Murfreesboro, TN	1,497	1,601	204	208	100	104	251	287	181	22
New Haven–Milford, CT	421	476	346	369	34	38	175	205	113	9
New Orleans–Metairie–Kenner, LA	1,424	1,672	175	207	218	244	123	189	465	25
New York, NY–NJ–PA	15,827	18,698	3,510	4,420	829	1,010	2,383	3,335	4,676	155
Edison Division	701	887	355	437	73	88	273	360	375	26
Nassau Division	931	1,179	340	428	86	99	255	360	392	31
New York–White Plains–Wayne Division	13,471	15,678	2,452	3,089	623	755	1,641	2,286	3,458	86
Newark Division	724	954	363	465	47	68	214	328	451	13
Ogden–Clearfield, UT	100	106	10	11	27	28	11	13	12	—
Oklahoma City, OK	787	852	119	125	163	167	105	129	150	11
Omaha–Council Bluffs, NE–IA	362	399	56	60	54	55	74	96	78	10
Orlando, FL	2,509	2,636	258	271	171	178	275	340	258	11
Oxnard–Thousand Oaks–Ventura, CA	244	265	45	48	26	27	36	40	41	7
Palm Bay–Melbourne–Titusville, FL	311	345	90	96	36	38	92	115	84	10
Philadelphia, PA–NJ–DE–MD	3,429	—	1,182	—	299	—	1,161	—	381	—
Camden Division	509	598	121	160	41	47	124	167	170	7
Philadelphia Division	2,615	2,698	934	945	228	232	881	904	185	20
Wilmington Division	305	—	127	—	30	—	156	—	26	—
Phoenix–Mesa–Scottsdale, AZ	3,530	3,730	463	488	453	470	344	397	362	29
Pittsburgh, PA	1,048	1,073	76	86	38	38	193	210	91	22
Portland–South Portland, ME	313	340	43	54	25	27	28	40	47	5
Portland–Vancouver–Beaverton, OR–WA	2,249	2,320	257	260	304	308	214	239	147	19
Poughkeepsie–Newburgh–Middletown, NY	206	253	123	139	26	31	113	134	72	5
Providence–New Bedford–Fall River, RI–MA	600	449	380	177	67	45	205	139	131	6

**Table 9c. White adults and adolescents living with a diagnosis of HIV infection, by metropolitan statistical area of residence and transmission category, year-end 2009—United States and Puerto Rico (cont)**

Area of residence	Male-to-male sexual contact		Injection drug use		Male-to-male sexual contact and injection drug use		Heterosexual contact		Other	
	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>	No.	Est. No. <sup>a</sup>
Provo-Orem, UT	45	45	—	—	13	13	8	9	7	—
Raleigh-Cary, NC	537	650	48	70	33	41	58	117	209	6
Richmond, VA	614	691	74	86	43	49	97	134	135	11
Riverside-San Bernardino-Ontario, CA	2,922	2,911	311	308	431	423	282	306	130	16
Rochester, NY	533	617	102	133	33	39	101	162	143	5
Sacramento-Arden-Arcade-Roseville, CA	1,163	1,179	198	199	231	228	280	288	50	9
St. Louis, MO-IL	1,909	2,037	101	117	112	119	220	269	275	31
Salt Lake City, UT	813	834	133	136	191	192	75	81	54	15
San Antonio, TX	785	881	108	121	82	90	112	151	184	—
San Diego-Carlsbad-San Marcos, CA	4,607	4,569	341	329	627	600	294	298	65	19
San Francisco, CA	9,853	10,006	661	670	1,692	1,684	386	429	312	38
Oakland Division	1,748	1,780	157	161	189	187	205	216	118	21
San Francisco Division	8,105	8,227	504	509	1,503	1,496	181	213	194	18
San Jose-Sunnyvale-Santa Clara, CA	899	924	86	88	118	120	98	109	69	15
San Juan-Caguas-Guaynabo, PR <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
Scranton-Wilkes-Barre, PA	129	149	51	63	11	14	72	88	60	5
Seattle, WA	3,988	4,103	276	297	560	563	293	351	282	31
Seattle Division	3,699	3,789	194	212	507	509	225	270	224	24
Tacoma Division	289	314	82	85	53	54	68	80	58	7
Springfield, MA	233	—	109	—	26	—	44	—	70	—
Stockton, CA	164	166	105	104	52	52	63	65	8	—
Syracuse, NY	293	337	51	63	19	21	90	108	56	6
Tampa-St. Petersburg-Clearwater, FL	3,129	3,261	392	404	317	319	621	694	317	19
Toledo, OH	285	291	19	24	21	22	89	97	31	—
Tucson, AZ	711	740	104	108	95	98	74	85	68	12
Tulsa, OK	556	580	84	85	97	98	72	82	63	—
Virginia Beach-Norfolk-Newport News, VA-NC	787	1,005	112	136	65	76	149	216	327	14
Washington, DC-VA-MD-WV	4,320	—	306	—	255	—	387	—	829	—
Bethesda Division	404	—	67	—	31	—	81	—	215	—
Washington Division	3,916	—	239	—	224	—	306	—	614	—
Wichita, KS	276	282	36	35	59	60	41	44	21	5
Worcester, MA	234	—	183	—	35	—	74	—	79	—
Youngstown-Warren-Boardman, OH-PA	114	148	13	18	5	8	43	53	65	—
Subtotal for MSAs (population ≥500,000)	152,017	153,618	20,030	19,727	15,394	15,238	19,167	22,088	23,572	1,251
Metropolitan areas (population of 50,000–499,999)	19,781	21,204	3,919	4,197	2,853	2,938	4,613	5,628	4,533	329
Nonmetropolitan areas	9,923	10,745	2,791	2,999	1,685	1,751	3,276	4,021	3,149	250
Total <sup>d</sup>	183,490	187,441	27,044	27,256	20,220	20,227	27,308	32,058	31,680	1,866

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> Data are not presented for San Juan-Caguas-Guaynabo, PR. The 2009 post-censal estimates do not include population denominators by race/ethnicity for Puerto Rico, thereby preventing assessment of the suppression rule for population denominators (i.e., cells suppressed when population denominator <100).

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

**Table 10. Deaths of adults and adolescents with a diagnosis of HIV infection, by metropolitan statistical area of residence and sex, 2009—United States and Puerto Rico**

Area of residence	Males			Females		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Akron, OH	1	2	0.7	0	0	0.0
Albany–Schenectady–Troy, NY	2	3	0.8	0	0	0.0
Albuquerque, NM	11	24	6.8	1	1	0.4
Allentown–Bethlehem–Easton, PA–NJ	2	5	1.6	1	2	0.5
Atlanta–Sandy Springs–Marietta, GA	73	110	5.1	12	18	0.8
Augusta–Richmond County, GA–SC	3	4	2.0	0	0	0.0
Austin–Round Rock, TX	7	13	1.8	1	4	0.6
Bakersfield, CA	5	8	2.3	1	2	0.6
Baltimore–Towson, MD	26	—	—	10	—	—
Baton Rouge, LA	9	16	5.0	4	7	2.1
Birmingham–Hoover, AL	11	20	4.6	3	6	1.3
Boise City–Nampa, ID	0	0	0.0	0	0	0.0
Boston–Cambridge–Quincy, MA–NH <sup>b</sup>	7	—	—	2	—	—
Boston Division	2	—	—	1	—	—
Cambridge Division	5	—	—	—	—	—
Peabody Division	—	—	—	1	—	—
Bradenton–Sarasota–Venice, FL	6	10	3.4	0	0	0.0
Bridgeport–Stamford–Norwalk, CT	1	2	0.5	2	3	0.8
Buffalo–Niagara Falls, NY	3	4	0.9	2	3	0.5
Cape Coral–Fort Myers, FL	3	7	2.7	0	0	0.0
Charleston–North Charleston, SC	2	5	1.9	1	2	0.6
Charlotte–Gastonia–Concord, NC–SC	9	15	2.1	7	11	1.5
Chattanooga, TN–GA	1	6	2.6	1	2	0.8
Chicago, IL–IN–WI	30	57	1.5	11	28	0.7
Chicago Division	27	52	1.6	10	26	0.8
Gary Division	3	5	1.8	0	0	0.0
Lake Division	0	0	0.0	1	2	0.5
Cincinnati–Middletown, OH–KY–IN	7	11	1.3	1	2	0.3
Cleveland–Elyria–Mentor, OH	8	14	1.6	3	5	0.5
Colorado Springs, CO	1	1	0.5	1	1	0.5
Columbia, SC	4	7	2.4	1	4	1.3
Columbus, OH	7	12	1.6	1	2	0.2
Dallas, TX	45	77	3.0	11	22	0.9
Dallas Division	34	57	3.3	9	16	1.0
Fort Worth Division	11	20	2.4	2	5	0.6
Dayton, OH	3	5	1.5	1	1	0.4
Denver–Aurora, CO	11	22	2.1	2	3	0.2
Des Moines, IA	2	3	1.2	0	0	0.0
Detroit, MI	12	32	1.8	9	28	1.5
Detroit Division	9	27	3.6	7	24	2.9
Warren Division	3	5	0.5	2	4	0.3
Durham–Chapel Hill, NC	3	5	2.5	0	0	0.0
El Paso, TX	11	20	7.2	0	0	0.0
Fresno, CA	5	7	2.1	1	1	0.4
Grand Rapids–Wyoming, MI	1	2	0.5	0	0	0.0
Greensboro–High Point, NC	2	3	1.1	0	0	0.0
Greenville, SC	2	4	1.4	0	0	0.0
Harrisburg–Carlisle, PA	1	2	0.9	1	2	0.9
Hartford–West Hartford–East Hartford, CT	4	8	1.5	2	3	0.6

**Table 10. Deaths of adults and adolescents with a diagnosis of HIV infection, by metropolitan statistical area of residence and sex, 2009—United States and Puerto Rico (cont)**

Area of residence	Males			Females		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Honolulu, HI	3	—	—	0	—	—
Houston–Baytown–Sugar Land, TX	58	106	4.6	15	25	1.1
Indianapolis, IN	5	10	1.4	4	14	1.9
Jackson, MS	6	10	4.9	4	6	2.6
Jacksonville, FL	21	36	6.9	6	9	1.5
Kansas City, MO–KS	7	10	1.3	1	2	0.2
Knoxville, TN	1	1	0.5	1	1	0.4
Lakeland, FL	2	3	1.4	4	7	2.7
Lancaster, PA	1	2	0.8	0	0	0.0
Las Vegas–Paradise, NV	12	22	2.8	1	1	0.2
Little Rock–North Little Rock, AR	2	3	1.2	0	0	0.0
Los Angeles, CA	93	184	3.5	11	19	0.4
Los Angeles Division	77	144	3.6	11	19	0.5
Santa Ana Division	16	40	3.2	0	0	0.0
Louisville, KY–IN	4	6	1.2	4	20	3.6
Madison, WI	1	2	0.7	0	0	0.0
McAllen–Edinburg–Pharr, TX	5	6	2.4	2	3	1.1
Memphis, TN–MS–AR	3	7	1.5	2	3	0.5
Miami, FL	96	144	6.4	47	74	3.1
Fort Lauderdale Division	39	59	8.3	12	18	2.4
Miami Division	47	69	6.9	28	43	4.0
West Palm Beach Division	10	16	3.1	7	12	2.1
Milwaukee–Waukesha–West Allis, WI	4	7	1.1	0	0	0.0
Minneapolis–St. Paul–Bloomington, MN–WI	4	15	1.2	1	2	0.1
Modesto, CA	1	1	0.7	0	0	0.0
Nashville–Davidson–Murfreesboro, TN	4	7	1.0	2	3	0.4
New Haven–Milford, CT	3	5	1.4	0	0	0.0
New Orleans–Metairie–Kenner, LA	11	20	4.2	6	10	1.9
New York, NY–NJ–PA	169	294	3.9	85	152	1.8
Edison Division	5	5	0.5	6	8	0.8
Nassau Division	8	30	2.6	2	3	0.2
New York–White Plains–Wayne Division	125	209	4.5	62	107	2.1
Newark Division	31	50	5.9	15	34	3.8
Ogden–Clearfield, UT	0	0	0.0	0	0	0.0
Oklahoma City, OK	11	21	4.3	0	0	0.0
Omaha–Council Bluffs, NE–IA	1	1	0.4	0	0	0.0
Orlando, FL	22	38	4.5	6	9	1.0
Oxnard–Thousand Oaks–Ventura, CA	1	1	0.4	0	0	0.0
Palm Bay–Melbourne–Titusville, FL	2	4	1.7	1	1	0.6
Philadelphia, PA–NJ–DE–MD	52	—	—	16	—	—
Camden Division	9	14	2.8	3	3	0.6
Philadelphia Division	36	64	4.0	12	27	1.5
Wilmington Division	7	—	—	1	—	—
Phoenix–Mesa–Scottsdale, AZ	24	50	2.8	4	7	0.4
Pittsburgh, PA	4	6	0.6	0	0	0.0
Portland–South Portland, ME	0	0	0.0	0	0	0.0
Portland–Vancouver–Beaverton, OR–WA	5	8	0.8	0	0	0.0
Poughkeepsie–Newburgh–Middletown, NY	1	1	0.4	2	3	1.0
Providence–New Bedford–Fall River, RI–MA	0	0	0.0	1	2	0.3
Provo–Orem, UT	0	0	0.0	0	0	0.0

**Table 10. Deaths of adults and adolescents with a diagnosis of HIV infection, by metropolitan statistical area of residence and sex, 2009—United States and Puerto Rico (cont)**

Area of residence	Males			Females		
	No.	Estimated <sup>a</sup>		No.	Estimated <sup>a</sup>	
		No.	Rate		No.	Rate
Raleigh–Cary, NC	3	4	1.0	4	6	1.2
Richmond, VA	4	6	1.1	2	3	0.5
Riverside–San Bernardino–Ontario, CA	25	59	3.6	6	11	0.7
Rochester, NY	4	6	1.5	0	0	0.0
Sacramento–Arden–Arcade–Roseville, CA	6	18	2.1	1	1	0.1
St. Louis, MO–IL	4	10	0.9	0	0	0.0
Salt Lake City, UT	1	1	0.3	1	2	0.4
San Antonio, TX	8	15	1.8	5	8	0.9
San Diego–Carlsbad–San Marcos, CA	11	19	1.5	2	3	0.3
San Francisco, CA	22	39	2.2	6	14	0.7
Oakland Division	10	20	1.9	2	8	0.7
San Francisco Division	12	20	2.6	4	6	0.8
San Jose–Sunnyvale–Santa Clara, CA	3	5	0.6	0	0	0.0
San Juan–Caguas–Guaynabo, PR <sup>c</sup>	30	50	—	22	44	—
Scranton–Wilkes-Barre, PA	1	2	0.8	0	0	0.0
Seattle, WA	15	22	1.6	0	0	0.0
Seattle Division	13	19	1.7	0	0	0.0
Tacoma Division	2	3	1.0	0	0	0.0
Springfield, MA	0	—	—	0	—	—
Stockton, CA	2	3	1.1	0	0	0.0
Syracuse, NY	0	0	0.0	0	0	0.0
Tampa–St. Petersburg–Clearwater, FL	18	28	2.5	12	30	2.5
Toledo, OH	0	0	0.0	1	2	0.6
Tucson, AZ	6	12	3.0	0	0	0.0
Tulsa, OK	3	6	1.6	0	0	0.0
Virginia Beach–Norfolk–Newport News, VA–NC	9	13	2.0	2	3	0.5
Washington, DC–VA–MD–WV	38	—	—	9	—	—
Bethesda Division	6	—	—	2	—	—
Washington Division	32	—	—	7	—	—
Wichita, KS	4	7	2.8	0	0	0.0
Worcester, MA	0	0	0.0	1	0	0.0
Youngstown–Warren–Boardman, OH–PA	2	4	1.9	1	2	0.8
<b>Subtotal for MSAs (population ≥500,000)</b>	<b>1,199</b>	<b>1,983</b>	<b>2.7</b>	<b>394</b>	<b>689</b>	<b>0.9</b>
<b>Metropolitan areas (population of 50,000–499,999)</b>	<b>227</b>	<b>389</b>	<b>1.8</b>	<b>60</b>	<b>97</b>	<b>0.4</b>
<b>Nonmetropolitan areas</b>	<b>138</b>	<b>237</b>	<b>1.2</b>	<b>50</b>	<b>78</b>	<b>0.4</b>
<b>Total<sup>d</sup></b>	<b>1,575</b>	<b>2,624</b>	<b>2.3</b>	<b>507</b>	<b>871</b>	<b>0.7</b>

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Because of the lack of U.S. census information for all U.S. dependent areas, table includes data for only the 50 states, the District of Columbia, and Puerto Rico.

MSA, metropolitan statistical area.

MSA definitions for this report can be found at <http://www.census.gov/population/www/metroareas/metrodef.html>.

<sup>a</sup> Includes data from areas in which all parts of the MSA or metropolitan division had implemented confidential name-based HIV infection reporting since at least January 2007, and reporting of these data to CDC since at least June 2007. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Reported numbers less than 12, as well as estimated numbers and accompanying rates based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

<sup>b</sup> Counts of diagnoses of HIV infection for the metropolitan divisions do not sum to the MSA total. MSA total includes data from 1 metropolitan division with population of <500,000.

<sup>c</sup> The 2009 post-censal estimates do not include population denominators by sex or age for Puerto Rico. Therefore, estimated rates were not calculated for San Juan–Caguas–Guaynabo, PR.

<sup>d</sup> Includes persons whose county of residence is unknown. Because column totals for estimated numbers were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.